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COTTON LITERATURE

SELECTED REFERENCES

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COMPILED BY EMILY L. DAY, LIBRARY SPECIALIST IN COTTON MARKETING,
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COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

"Abbreviations Used in the Department of Agriculture for Titles of Publications" (Miscellaneous Publication No. 337) is the authority for abbreviations used in COTTON LITERATURE.

PRODUCTIONBotany

1886. Berzaghi, M. M. Queda dos botões florais ou "shedding". Ouro Branco 6(12): 10-12. Apr. 1941. (Published at Rua Assembléia, 209, São Paulo, Brazil) 72.8 Ou7
Fall of the flower buds, or "shedding."
1887. Hancock, M. I. Relative growth rate of the main stem of the cotton plant and its relationship to yield. Amer. Soc. Agron., Jour. 33(7): 590-602. July 1941. (Published in Geneva, N.Y.) 4 Am34P
Literature cited, p. 602.
1888. Kreibohm de la Vega, G. A. El derrame floral (shedding) y su influencia sobre los algodones cultivados en Tucumán. Gaceta Algodonera 13 (208): 9-11, 13. May 31, 1941. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
References, p. 13.
Shedding and its influence on the cottons cultivated in Tucumán.
1889. Urquijo, Eduardo Penso. Tablas para calcular el índice de cápsula de algodón. Colombia. Universidad Nacional, Bogota. Facultad Nacional de Agronomía. Revista 4(11): 1107-1114. Mar.-Apr. 1941. (Published at Apartado Aéreo No. 568, Medellín, Colombia) 9.4 C717
Tables for calculating the index of bolls of cotton. The tables are for use in morphological studies of the plant.

See also Items nos. 1902, 1934, 2074, 2154.

Genetics and Plant Breeding

1890. Arutjunova, L. G. Cotton pollen: germination in intravarietal crosses [abstract]. Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 21(10): 253. May 31, 1941. (Published at Shirley Institute, Didsbury, England) 241.4 B77
From Jarovizacija, 1940, No. 1, (28), 18-22.
"Experiments are reported in which a higher pollen germination and higher seed set were obtained by pollinating emasculated flowers with a mixture of pollen from different plants of the same variety; pollen from plants growing on fertile ground was more effective. The pollen germinated more rapidly and the pollen tubes were thicker and grew faster when using pollen from other plants. In consequence of this the percentage of sterile ovules was lower."-Entire Item.
1891. Ireland, J. C. Induced vigor in cotton. Amer. Soc. Plant Physiol. Abs. of Papers, 1940-41, p. 13, processed.
Abstract of paper to be presented at the 17th annual meeting at Philadelphia, December 30, 31, 1940, January 1, 1941.

1892. Ramiah, K., and Gadkari, P. D. Further observations on sterility in cotton. *Indian Jour. Agr. Sci.* 11(1): 31-36. Feb. 1941. (Published by the Manager of Publications, Delhi, India) 22 Ag83I
References, p. 36.
Study relates to Asiatic cottons.
1893. Stroman, G. H. A heritable female-sterile type in cotton. *Jour. Hered.* 32(5): 167-168. May 1941. (Published by American Genetic Association, 32nd. St. and Elm Ave., Baltimore, Md.) 442.8 Am3
Literature cited, p. 168.
1894. Tanaka, M. [Asiatic and upland cottons: crossing] *Pot. and Zool.* 5(1): 142-143. Jan. 1937. (Published by Yokendo, Ltd, 70 Morikawacho Hongo, Tokyo, Japan). J410 B65
In Japanese.
"Reciprocal crosses were made between an Asiatic and an Upland variety of cotton and three lots of plants were raised: (1) A group in which the bases of the stems bearing the pollinated flowers were tightly bound with wire; (2) a group in which the flower-buds, pods and buds at the top of the stem were removed; (3) a control group. The percentages of maturing bolls from the Asiatic x Upland cross were 34.54 and 46.15 for groups (1) and (2) respectively, as compared with 22.59 in the control group, whilst for the reciprocal the corresponding figures were 3.70, 15.00 and 2.13. The improvement is attributed to the greater amount of nutritive substances available for the growing seed as a result of the treatment.-C."-*Brit. Cotton Indus. Res. Assoc. Sun. Cur. Lit.* 21(10): 252-253. May 31, 1941.

See also Items nos. 2152, 2169, 2178.

Agronomy

1895. Andrews, W. B. Side-dressing cotton means added profits. *Miss. Farm Res.* 4(6): 1, 2. June 1941. (Published by Mississippi Agricultural Experiment Station, State College, Miss.)
Increases in the yield of seed cotton in Mississippi from side dressing with nitrate of soda, are noted.
1896. Antognoli, Victor M., and García, Ubaldo C. Ensayos de riego realizados en la Estacion experimental algodonnara de La Banda. *Argentino Republic. Junta Nacional del Algodon. Boletin Mensual* no. 72, pp. 316-318. Apr. 1941. (Published in Buenos Aires, Argentina) 72.9 Ar3
Irrigation tests conducted at the Cotton Experiment Station of La Banda.
1897. Childs, R. R. Increasing and renewing seed stocks in one-variety cotton communities. *Assoc. Off. Seed Anal. No. Amer. Proc.* 1940: 73-75, processed. 61.9 As7
1898. Coêlha de Souza, William Wilson. A cultura do algodoeiro. Ed. 2, 220 pp. São Paulo [Rothschild & Cia] 1937. 72 C65C

"Bibliographia": p. [217]

At head of title: Secretaria da agricultura, industria e commercio de estado de São Paulo. Directoria de duplicadade agricola.
The cultivation of the cotton plant.

1899. Flach, Enrique. Instrucciones sobre el cultivo del algodnero; variedad preferible; formas de siembra; labores de cultivo; control de plagas; la cosecha. Revista de Agricultura 13(7): 327-330. July 1941. (Published in San José, Costa Rica) 8 Fsl
Instructions on the cultivation of the cotton plant; preferred varieties; methods of sowing; labor of cultivation; control of diseases; harvesting.
1900. Flame throwers weed cotton field in Alabama experiment. Cotton Trade Jour. 21(30): 8. July 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
"Experiments carried out successfully by Captain Price McLemore, cotton farmer who is at present on active duty as a Reserve Officer, indicate that the flame bath not only kills the unwanted growths without hurting the cotton plants but that the flame-treated rows are healthier than those weeded by hoeing. The Alabama State Extension Service is conducting further experiments."
1901. Hamblin, I. E. Control weeds with minimum injury to plants: two ideals of cotton cultivation. Miss. Farm Res. 4(6): 6. June 1941. (Published by Mississippi Agricultural Experiment Station, State College, Miss.)
1902. Krasóvskii, I. R. Cotton seed: quality; effect of growth of parent plant [abstract]. Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 21(10): 235. May 31, 1941. (Published at Shirley Institute, Didsbury, England) 241.4 B77
From Jarovizaci ja, 1940, No. 2 (29), 85-89.
"Data are produced to show that the quality of the plants produced from any seed is influenced by the conditions of growth of the plants producing that seed. - C."—Entire item.
1903. Kreibohm de la Vega, G. A. Deberia restringirse la importación al país de semilla de algodón en gran escala. Tucuman, Revista Industrial y Agricola 30(10-12): 250-254. Oct.-Dec. 1940. (Published by Tucuman Agricultural Experiment Station, Tucuman, Argentina) 9 T79
References, p. 254.
The importation of cottonseed on a large scale into the country [Argentina] ought to be restricted.
1904. Kreibohm de la Vega, G. A. Historia del cultivo del algodnero en Tucumán. Obra de fomento y experimentación. Tucuman, Revista Industrial y Agricola 30(10-12): 234-249. Oct.-Dec. 1940. (Published by Tucuman Agricultural Experiment Station, Tucuman, Argentina) 9 T79
Bibliography, pp. 246-249.

History of the cultivation of cotton in Tucumán. Work of development and experimentation.

1905. Kuykendall, Roy. Soil fertility experiments with cotton--Hemphill field in the central east Delta. Miss. Farm Res. 4(6): 7. June 1941. (Published by Mississippi Agricultural Experiment Station, State College, Miss.)
A table showing results of fertilizer experiments over a six-year (1935-1940) period, is given.
1906. Rajaraman, S., and Afzal, Mohammad. A preliminary note on the effect of environment on the quality of Punjab-American 289F/43 cotton. Indian Jour. Agr. Sci. 11(1): 53-58. Feb. 1941. (Published by the Manager of Publications, Delhi, India) 22 Ag83I
References, p. 58
Paper read before the Indian Science Congress, Madras, January 1940.
1907. Ramanatha Ayyar, V., and Sundaram, S. A brief account of the studies on the harmful after-effects of Cholan crop on cotton. Indian Jour. Agr. Sci. 11(1): 37-52. Feb. 1941. (Published by the Manager of Publications, Delhi, India) 22 Ag83I
References, p. 52.
The effect on yield of rotations with Cholan is discussed.
1908. Reichart, Roberto. La producción de semilla de algodón selecta para siembra en el Estado de Texas. Argentine Republic. Junta Nacional del Algodón. Boletín Mensual no. 72, pp. 299-302. Apr. 1941. (Published in Buenos Aires, Argentina) 72.9 Ar3
The production of cottonseed selected for sowing in the State of Texas.
1909. Smith, H. P. Placement of fertilizers for cotton. Com. Fert. 63(1): 30-31. July 1941. (Published by Walter W. Brown Publishing Co., 223 Courtland St., N. E., Atlanta, Ga.) 57.8 C73
1910. Sobrinho, A. Maneses. O valor do sódio na adubação do algodoeiro. Ouro Branco 6(12): 14, 16. Apr. 1941. (Published at Rua Assembléia, 209, São Paulo, Brazil) 72.8 Ou7
The value of sodium in fertilizer for the cotton plant.
1911. Weindling, Richard. Sodium hypochlorite shows promise as a seed treatment. Phytopathology 30(12): 1051-1052. Dec. 1940. (Published at North Queen St. and McGovern Ave., Lancaster, Pa.) 464.8 P56
"Satisfactory control of damping-off (Glomerella gossypii) on heavily infested cotton seed was secured in recent tests at the South Carolina Agricultural Experiment Station by treatment with sodium hypochlorite used either as a dust at the rate of 1 1/2 to 4 oz. per bushel or in the form of a solution containing 6 per cent. available chlorine. The results of the spray treatment were somewhat superior to those obtained with the dust, which approached in efficiency the present standard treatment with new improved cerosan. -C."- Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 21(9): 208. May 15, 1941.

See also Items nos. 1887, 1888, 1918, 1956, 1982, 1987, 1996, 2007, 2152, 2154, 2169, 2170, 2171, 2178.

Diseases

1912. American phytopathological society. Abstracts of papers accepted for presentation at the thirty-second annual meeting...Philadelphia, Pennsylvania, December 27 to 31, 1940. *Phytopathology* 31(1): 1-26. Jan. 1941. (Published at North Queen St. and McGovern Ave., Lancaster, Pa.) 464.8 P56
- Partial contents: Some *Fusarium* wilt organisms, by G. M. Armstrong, L. Shanor, C. C. Bennett, and B. S. Hawkins, pp. 1-2; Wind dissemination of angular leaf spot of cotton, by J. G. Brown, p. 4; The relation of *Bacterium malvacearum* to Anthracnose boll rot of cotton, by Richard Weindling and Paul R. Miller, p. 24.
1913. Fonzo, Mario A. di. La hoja plateada del algodónero. Argentine Republic. Junta Nacional del Algodón. Boletín Mensual no. 72, pp. 302-303. Apr. 1941. (Published in Buenos Aires, Argentina) 72.9 Ar3
- The silver leaf of the cotton plant.
1914. Ling, Lee., and Yang, Juhwa Y. Stem blight of cotton caused by *Alternaria macrospora*. *Phytopathology* 31(7): 664-671. July 1941. (Published at North Queen St., and McGovern Ave. Lancaster, Pa.) 464.8 P56
1915. Padwick, G. Watts. The genus *Fusarium*. V. *Fusarium udum* Butler, F. *vasinfectum* Atk. and *F. Lateritium* Nees var. *uncinatum* Wr. *Indian Jour. Agr. Sci.* 10(6): 863-878. Dec. 1940. (Published by Imperial Council of Agricultural Research, Delhi, India) 22 Ag83I
- "An account is given of a study of a number of isolates of *Fusarium* capable of causing wilt of cotton (*Gossypium* sp.), pigeon-pea (*Cajanus cajan*) and sunn-hemp (*Crotalaria juncea*)...The cultures that cause typical wilt of high percentages of pigeon-pea and sunn-hemp were found to differ from *Fusarium vasinfectum* Atk., which causes cotton wilt, in that they produced abundant spores in pionnotes, which spores usually tended to be strongly hooked at the apex, and bright orange and yellow colours were produced on steamed rice, whereas *F. vasinfectum* produced few or no pionnotes, the spores though curved were not hooked, and the predominant colour on steamed rice was a red hue which changed to deep purple on addition of 2 per cent. potassium hydroxide solution... - C."- *Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit.* 21(10): 237. May 31, 1941.
1916. Ramakrishnan, T. S. Studies on the parasitism of *Colletotrichum indicum* Dast. *Indian Jour. Agr. Sci.* 11(1): 110-118. Feb. 1941. (Published by the Manager of Publications, Delhi, India) 22 Ag83I
- References, p. 118.
- Paper read at the Indian Science Congress, 27th session, Madras, 1940.
- "*Colletotrichum indicum* Dast. was isolated from diseased cotton bolls obtained from Nagpur."
1917. Tyler, Jocelyn. Plants reported resistant or tolerant to root knot

nematode infestation. U. S. Dept. Agr. Misc. Pub. 406, 91 pp. Washington, D. C., 1941. 1 Ag84M
Gossypium, pp. 35-36.

1918. Young, V. H., and Tharp, W. H. Relation of fertilizer balance to potash hunger and the Fusarium wilt of cotton. Ark. Agr. Expt. Sta. Bul. 410, 24pp. Fayetteville, 1941. 100 Ar42
Literature, p. 24.

See also Items nos. 1911, 1925, 2152, 2154, 2169, 2178.

Insects

1919. Aggressive control plan under way to limit insect damage in Texas. Cotton and Cotton Oil Press 42(15): 5-6. July 19, 1941. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Comment on a report adopted by the Cotton Insect Control Section of the State-Wide Cotton Committee of Texas at a meeting held June 27, 1941, in Waco.

1920. Barbados. Control of cotton pests. West India Com. Cir. 56(1110): 93. Apr. 17, 1941. (Published at Norfolk St., London, W. C. 2, England) 8 W524

A brief note stating that "this year the cotton defoliator has been controlled, and that pink boll worm has not yet put in an appearance, thus proving once again that this pest can be controlled if the close season and cleaning up of fields and burning all refuse are properly carried out."

1921. Bayless, Arthur. Identifying cotton insect pests. 4pp. Dallas, Tex. [1941]

This pamphlet issued by the Dallas office of the First-Trust Joint Land Bank of Chicago, Illinois, is illustrated with drawings of the cotton flea hopper, the boll weevil and the cotton leaf worm.

1922. Beware of cotton dauber. Calif. Cult. 88 (13 i.e. 14): 380. June 28, 1941. (Published at 317 Central Ave., Los Angeles, Calif.) 6 C12
An insect pest of cotton.

1923. Bitancourt, A. A. Trabalhos do Instituto biologico en 1940. O Biologico 7(4): 85-92. Apr. 1941 (Published at Caixa postal 4185, São Paulo, Brazil) 442.8 B5223

Work of the Biological Institute in 1940. Algodoeiro---inimigos [Cotton enemies, p. 88.

1924. Callan, E. McC. The gall midges (Diptera, Cecidomyiidae) of economic importance in the West Indies. Trop Agr. [Trinidad] 18(6): 117-127. June 1941. (Published by the Imperial College of Tropical Agriculture, St. Augustine, Trinidad, West Indies) 26 T754
References, p. 127.

Includes accounts of the life histories and suggestions for control of the *Contarinia gossypii* Felt (Flower-bud maggot of cotton) and

Porricondyla gossypii Coq. (Red maggot of cotton.)

1925. Cáñara algodónera del Perú. Los enemigos naturales del algodón en el Perú. Algodón 1(8): 236-240, processed. May 1941. (Published by Cáñara Algodonera del Perú, Apartado No. 1605, Lima, Peru)
The natural enemies of cotton in Peru [insects and diseases.]
1926. Campbell, Ivan J. Unlimited emergency in the cotton belt. Acce Press 19(7): 10-12. July 1941. (Published by Anderson, Clayton Co., Houston, Tex.) 6Ac2
The insect situation is discussed.
1927. Community control of cotton insects pressed in Texas. State-wide cotton committee backs plan; progress made, Clapp hears. Cotton Trade Jour. 21(29): 3. July 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1928. Cotton growers make \$9.00 an acre from airplane dusting. Ariz. Farmer 20(14): 1, 3. July 5, 1941. (Published at 313 North Third Ave., Phoenix, Ariz.) 6Ar14
1929. Ewing, K. P. Control of cotton insects. Texas Agr. 6(8): 16-17. June 1941. (Published by the Texas Farm Bureau Federation, 414 1/2 Franklin Ave., Waco, Tex.) 6 F22992
Methods of control are described.
1930. Ewing, K. P., and Moreland, R. W. Methods of making infestation records of the cotton boll weevil, the cotton flea hopper and the cotton bollworm. 2pp., processed. [Washington, U. S. Dept. of agriculture, Bureau of entomology and plant quarantine, 1941]
Also in Acce Press 19(7):7+ July 1941.
1931. Farmers taught insect controls. Cotton Digest 13 (14): 5. July 12, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Brief report of meetings held near Shreveport and at Tallulah, La.
1932. Georgia. Costal plain experiment station. Dusting for boll weevil on upland cotton in Georgia. Ga. Costal Plain Expt. Sta. Mimeographed Paper No. 2, 3 pp., processed. Tifton, 1941.
Issued in cooperation with the United States Department of Agriculture, Bureau of Entomology and Plant Quarantine.
1933. Growers urged to use modern insect controls. Cotton Digest 13(39): 6. June 28, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Brief report of a demonstration of cotton insect control methods under the supervision of Elmore R. Torn, agricultural director of the East Texas Chamber of Commerce.
1934. Harner, A. L. Fruiting of cotton in relation to cotton fleahopper and other insects which do similar damage to squares. Miss. Agr. Expt. Sta. Bul. no. 360, 11pp. State College, 1941.

Literature cited, p. 11.

Extracts in Miss. Farm Res. 4(6): 4-5. June 1941.

1935. Hoppers menacing east of Caprock, dusting is shown. Wichita Falls [Texas] Chamber of commerce committee sponsors demonstration. Cotton Trade Jour. 21(30): 7. July 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1936. Louisiana farmers study insect control. Cotton Digest 13(40): 15. July 5, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Brief report of a meeting held at Tallulah, La., July 1, 1941.
1937. [Lyle, Clay] Mississippi rains favor boll weevil increase. Cotton Digest 13(42): 4. July 19, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
1938. [Lyle, Clay] Mississippi weevil menace continues. Cotton Digest 13(40): 6. July 5, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Also noted in Cotton and Cotton Oil Press 42(14): 15. July 5, 1941.
1939. [Lyle, Clay] Mississippi weevil threat grows. Cotton Digest 13(39): 5. June 28, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
1940. [Lyle, Clay] Weevil emergence remains at high level. Cotton Digest 13(41): 4. July 12, 1941. (Published at Cotton Exchange Building, Houston, Tex.) 286.82 C822
1941. McDonald, R. E., and Loftin, U. C. Propagacion de la "Lagarta rosada" por vuelo o desplazamiento de las mariposas por el viento. Argentine Republic. Junta Nacional del Algodon. Boletin Mensual no. 72, pp. 307-315. Apr. 1941. (Published in Buenos Aires, Argentina) 72.9 Ar3
Translated by Roberto G. Mallo
Dispersal of the pink bollworm by flight or wind carriage of the moths
1942. Mississippi boll weevil prevention meet successful. Farmers from Delta and other regions, about 800, in attendance. Cotton Trade Jour. 21(29): 3. July 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Brief report of meeting of planters at Stoneville, Mississippi, July 11, 1941.
Also reported in Delta Council News 2(11): 1, 4. July 15, 1941.
1943. More weevils than usual. Prog. Farmer (Tex. ed.) 56(7): 18. July 1941. (Published at 1105 Southland Life Annex, Dallas, Tex.) 6 T311
1944. New facts on boll weevil control. Farm and Ranch 60(7): 13-14. July 1941. (Published at 3506 Main St., Dallas, Tex.) 6 T31
"Through the courtesy of Prof. R. W. Harned, in charge, cotton

insect investigations, Farm and Ranch here presents some data extracted from four unpublished manuscripts by research workers of the Bureau of Entomology and Plant Quarantine."

1945. Red spider on cotton. Calif. Cult. 88(13 i.e.14): 380. June 28, 1941.
(Published at 317 Central Ave., Los Angeles, Calif.) 6 C12
1946. Siddall, Cameron. The part of the cotton ginner in insect control.
Cotton Ginners' Jour. 12(10): 5, 14-15. July 1941. (Published by Texas
Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.)
304.8 C824
Also in Acco Press 19(7): 8-9. July 1941.
1947. Smith, E. Cecil. Cotton dusting, fast and furious. Prog. Farmer (Miss.
Val. ed.) 56(6): 11. June 1941. (Published at Cotton Exchange Bldg.,
Memphis, Tenn.) 6 So81
Instructions are given for dusting to control cotton insects.
1948. [State-wide cotton committee of Texas. Insect control section] Educators
enlisted in insect problem. Cotton Digest 13(42): 3. July 19, 1941.
(Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
The resolution adopted by the insect control section asking teachers
of vocational agriculture to give instruction in insect control is given.
Also in Cotton and Cotton Oil Press 42(15): 16. July 19, 1941.
1949. Thomas, F. L. Control of the cotton bollworm. Farm and Ranch 60(7): 22.
July 1941. (Published at 3306 Main St., Dallas, Tex.) 6 T31
Also in Cotton and Cotton Oil Press 42(15): 17. July 19, 1941.
1950. [Thomas, F. L.] Dusting will control cotton insects. Farmer-Stockman,
54(13): 353. July 1, 1941. (Published at 500 North Broadway, Oklahoma
City, Okla.) 6 Ok45
1951. [Thomas, F. L.] Insects swarming in Texas fields, bollworms active.
Cotton Trade Jour. 21(30): 1. July 26, 1941. (Published at Cotton
Exchange Bldg., New Orleans, La.) 72.8 C8214
Also in Cotton Digest 13(43): 5. July 26, 1941.
1952. [Thomas, F. L.] Texas insect damage expected to increase. Cotton Digest
13(41): 5. July 12, 1941. (Published at Cotton Exchange Bldg., Houston,
Tex.) 286.82 C822
1953. [Thomas, F. L.] Texas insect damage expected to increase. Cotton Digest
13(42): 4. July 19, 1941. (Published at Cotton Exchange Bldg.,
Houston, Tex.) 286.82 C822
Also in Cotton and Cotton Oil Press 42(15): 8. July 19, 1941.

1954. [Thomas, F. L.] Weevils still major threat to Texas crop. Cotton Digest 13(40); 6. July 5, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Also noted in Cotton and Cotton Oil Press 42(14): 8. July 5, 1941.

1955. Vasil'evskii, A., and Zubov, M. ["Sol'bar" as a method for destroying cottonplant insects.] Sovetskii Khlopok no. 8, pp. 60-62. Aug. 1939. (Published at Moskva, U. S. S. R.) Libr. Cong.

In Russian.

"The production and application of "Sol'bar" (an insectofungicide prepd. from a mech. mixt. of BaS and ground S) are described. In the prepn. of the "Sol'bar" soln. BaS dissolves and S changes into the sol. state (Ba polysulfides). "Sol'bar" is effective against various types of mites under conditions of the central belt of U. S. S. R. In the cotton-belt regions of Central Asia its effectiveness according to Abbo was 75-6% for 1% solns. on the 3rd and 6th day and 45% on the 9th day. The effectiveness of a 0.7% soln. of "Sol'bar" was 68-75% for a period of 3-9 days. "Sol'bar" surpasses S and is equal to ISO in its toxic properties.-W. R. Henn.-Chem. Abs. 35(2): 572. Jan. 20, 1941.

See also Items nos. 2019, 2152, 2154, 2163, 2169, 2178.

Farm Engineering

1956. Commercial fertilizer. 1941 year book. 142 pp. Atlanta, Ga., W. W. Brown publishing company, 1941. 57.8 C73Y
Fertilizer-placement machinery for southern crops [including cotton], by C. A. Cumings, pp. 40-48.

Farm Management

1957. California. University. Agricultural extension service. Third annual report, Kern county cotton enterprise efficiency study for the 1940 crop year; also showing 1938 and 1939 record averages. Study conducted by the Agriculture extension service, University of California and United States Department of agriculture and a progressive group of local cotton growers. [6]pp., processed. Bakersfield, Calif., Office of the Farm advisor, 1940. 275.29 C12En

The records were compiled by Henry W. Longfellow and the data were analyzed and summarized by Wallace Sullivan.

The following tables are included: General summary of main profit-determining factors in 1940; Costs and returns per hundredweight of lint cotton, 1940; Labor and material costs per acre, 1940; Cultural practices in individual cotton plantings, 1940; Cash overhead, interest and depreciation per acre, 1940.

1958. Goodsell, Wylie D., and Blachly, William D. Income of typical cotton farms. U. S. Dept. Agr. Bur. Agr. Econ. Agr. Situation 25(6): 11-14. June 1941 (Published in Washington, D. C.) 1Ec7Ag

"During the past 8 years, the index of net farm income of typical cotton farmers on family-sized farms in the Mississippi Delta has been considerably above 100 percent of the 1910-14 income, while that of the cotton farmers in the Black Wax Prairie of Texas has been well below 100 percent. The index for typical 2-mule cotton farms in Georgia

(largely representative of cotton in the lower Piedmont area) has barely reached 100 per cent in 3 of the last 8 years. These wide differences among areas suggest that cotton farmers' problems have distinct area implications and are therefore not likely to be solved with any single formula."

1959. Shortage of cotton workers in Texas. Daily News Rec. no. 176, p. 12. July 29, 1941. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

The president of the South Texas Chamber of Commerce "has addressed a letter to the deputy commissioner of immigration at Washington, petitioning that a temporary executive order be issued" to permit cotton pickers to be brought from Mexico.

See also Items nos. 2067, 2154.

Cotton Land Resources

1960. Alvord, Ben. F., Crosby, M. A., and Schiffman, E. G. Factors influencing Alabama agriculture; its characteristics and farming areas. Ala. Agr. Expt. Sta. Bul. 250, 76pp. Auburn, 1941.

"Cotton and corn were by far the most important crops produced in Alabama during the period 1867-1938."

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The dependence of the new settlers on cotton is noted.

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"The significant thing is that the cotton crop is not relatively so important in the South as it used to be. Before 1920 it was about half of the value of all crops and livestock products. During the early thirties it was running between 30 and 40 per cent, but in 1939 it dropped to only 25.4 per cent."

Farm Social Problems

1963. Dawber, Mark A. Our shifting populations. Frontiers of American life: number two. 68 pp. New York, N. Y., Joint committee on publicity and promotion of the Home missions council and Council of women for home missions, [1941] 283 D32

The sharecropper, pp. 23-26.

1964. Folweiler, A. D. Cotton, wood pulp, and the man-land ratio of the deep South. South. Econ. Jour. 7(4): 518-528. Apr. 1941. (Published by the Southern Economic Association and the University of North Carolina, Chapel Hill, N. C.) 280.8 So84

"When cotton acreage was reduced, there were reverberations in the

social order, for with less cotton to produce, fewer man-days of the regional population were needed." The question that this paper proposes to answer is: "How much relief will the pulp and paper industry contribute to the pressure of the people on the land?" The author concludes that it will not be much.

See also Items nos. 1959, 1961, 2157.

Cooperation in Production (One-Variety Communities)

See Items nos. 1897, 2154.

PREPARATION

Ginning

1965. Bennett, Charles A., and Gordes, Francis L. Some benefits from modernizing cotton gins. Cotton and Cotton Oil Press 42(14): 5-6. July 5, 1941. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
1966. Georgia cotton ginners have successful annual convention. Cotton and Cotton Oil Press 42(14): 14. July 5, 1941. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Brief report of the 10th annual convention of the Georgia Cotton Ginners Association held in Atlanta, Ga., June 24-25, 1941.
1967. Kliever, Waldo H., and Bennett, Charles A. The gin gives up its secrets to stroboscope and camera. Cotton Ginners' Jour. 12(10): 6, 11. July 1941. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
1968. Townsend, James S. Developments in roller covering for roller cotton gins. U. S. Dept. Agr. Bur. Agr. Chem. and Engin. ACE 85, 6pp., processed. Stoneville, Miss., 1941. 1.932 A2Ag8
1969. [U. S. Dept. of commerce. Bureau of the census.] Gin capacities up, number off, Bureau reports. Power trend is toward diesels and gas, better machinery, Census shows. Cotton Trade Jour. 28(21): 1, 2. July 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Report of a census of cotton ginning machinery and equipment taken in October, 1940.
Also noted in Cotton Digest 13(41): 13. July 12, 1941.
1970. Considerações sobre o beneficiamento do algodão úmido. Ouro Branco 6(12): 38-39. Apr. 1941. (Published at Rua Assembléia, 309, São Paulo, Brazil) 72.8 Ou7
Considerations on the ginning of damp cotton.
See also Items nos. 1946, 2154.

Baling

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(Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
"A plan to bale tag Arkansas delta cotton was given unanimous approval at a recent meeting of the board of directors of the Agricultural Council of Arkansas."
Also noted in Cotton Trade Jour. 21(29): 3. July 19, 1941.
1972. Identificación de cada fardo de fibra de algodón desde la usina desmotadora debe establecerlo sin demora la Junta nacional del algodón. Gaceta Algodonera 18(208): 16. May 31, 1941. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
Identification of each bale of cotton after ginning should be decreed without delay by the Junta Nacional del Algodon.
1973. Identify Delta bales with tags to foil foisters. Delta council trade-marking product, may identify plantations also. Cotton Trade Jour. 21(29): 1, 3. July 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The tag adopted by the Delta Council is being trade-marked.
Also in Delta Council News 2(11): 1. July 15, 1941.
1974. Mississippi Delta council adopts bale tag plan. Cotton Digest 13(43): 6. July 26, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
"The design adopted for the new tag includes a print of a Mississippi river packet and the legend, Mississippi Delta Cotton, with space provided for numbering and plantation identification."
1975. Plan tare allowance for cotton patterns. Cotton Digest 13(42): 5. July 12, 1941. (Published at Cotton Exchange Building, Houston, Tex.) 286.82 C822
"The Department of Agriculture has inaugurated a program to induce merchants and mills dealing in spot cotton to reduce the tare on cotton covered with cotton patterns instead of jute."
1976. Urge net weight in buying from cotton farmers. Washington launches drive to facilitate use of cotton bale covers. Cotton Trade Jour. 21(30): 8. July 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The drive is being conducted by the Surplus Marketing Administration, U. S. Department of Agriculture.

MARKETINGDemand and Competition

1977. Amoskeag co. to dissolve. Fibre and Fabric 94(2942): 13. June 21, 1941.
(Published at 465 Main St., Cambridge, Mass.) 304.8 F44
Liquidation is to be accomplished by December 31, 1941.
Also noted in Textile World 91(7):108. July 1941.
1978. Argentine Republic. Departamento nacional del trabajo. División de estadística. Industria textil ; capacidad normal de trabajo de los

obreros de la industria textil, especialmente mujeres y menores.
 Prólogo del dr. Emilio Pellet Lastra... Informe del dr. José Figuerola...
 94 pp., processed. Buenos Aires, 1939. 304 Ar332

Textile industry; normal capacity for work of the workers in the
 textile industry, especially women and minors.

1979. Association of cotton textile merchants of New York. Immense cotton-textile production is 20% for defense. Textile World 91(7): 104. July 1941. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315

The present situation in the American cotton textile industry is briefly described.

1980. Barkin, Solomon. Wage policies of industrial unions. Harvard Business Rev. 19(3): 342-351. Spring, 1941. (Published by McGraw-Hill Book Co., Inc., 330 West 42nd St., New York, N. Y.) 280.8 H262

This study includes wage policies of the Textile Workers Union of America.

1981. Blau, Gorda J. What are "economical" imports of textile raw materials? Textile Mercury and Argus 104(2720): 437. May 9, 1941. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318

"With reference to figures given recently...for the foreign exchange and shipping space requirements of textile raw materials and the advantages claimed for rayon, it is pointed out that the question as to which imports constitute the most economical use of shipping space can only be decided in relation to the intrinsic value of the imported materials. Wool is claimed to show the greatest real value per unit of bulk. Furthermore, the comparison of sterling values as at the end of August, 1939, does not reflect the true position as the rise in price of wool has been less than that for other textile raw materials. Raw wool is imported almost exclusively from the Dominions whilst the bulk of the cotton and raw materials for rayon are imported from countries outside the sterling area...C."-Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 21(11): 293. June 14, 1941.

1982. Cotton consumption stimulated by results of research efforts. Production of most desirable cotton in needed quantities first goal. Cotton Trade Jour. 21(27): 1, 3. July 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Extracts from address by Dr. Claudius T. Murchison at the Cotton Research Congress, Waco, Texas, June 26-28, 1941.

1983. Cotton products export program to be continued. To run through fiscal year ending in June, 1942, says Washington. Cotton Trade Jour. 21(27): 4. July 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

The announcement by the Department of Agriculture is given.

Also noted in Cotton Digest 13(40): 7. July 5, 1941.

1984. Cotton trade. Statist 137(3288 spec. sect.): 10-11.Mar. 1, 1941. (Published at 51 Cannon St., London, E. C. 4, England) 286.8 St2
The British cotton textile industry in 1940 is briefly reviewed.
1985. [Dillard, Walter] Large investment opportunities thru post-war shift of cotton mills to Texas seen by Dillard. Increasing importance of Latin American market regarded as factor. Cotton Trade Jour. 21(28): 1, 7. July 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from address at the Cotton Research Congress in Waco, Texas.
1986. Fabricant, Solomon. The output of manufacturing industries, 1899-1937. 682 pp. New York, National bureau of economic research, inc., 1940. 280.12 F11
The cotton textile industry is included.
1987. [Files, Sidney J.] Cotton grades requested for spinners need. Character of cotton has renewed importance in production for mills. Cotton Trade Jour. 21(27): 7. July 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from address at Cotton Research Congress in Waco, Texas, June 26-28, 1941.
1988. Helman, Mauricio B. La industria textil algodonera y el peligro del incremento de las fibras sinteticas en el Japon. Argentine Republic. Junta Nacional del Algodon. Boletin Mensual no. 72, pp. 284-294. Apr. 1941. (Published in Buenos Aires, Argentina) 72.9 Ar3
The cotton textile industry and the danger from the increase of synthetic fibers in Japan.
1989. Japanese want world textile top after war. Believe they can wrest/cotton goods supremacy from British. Cotton Trade Jour. 21(29): 6. July 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214 world
1990. Lancashire mills unable to supply steady demand. Customers will turn to other countries to fill requirements. Cotton Trade Jour. 21(29): 6. July 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Changes in the international cotton cloth trade are noted.
1991. Martínez Cabañas, Gustavo. La industria establecida y las nuevas industrias. Revista de Economía 4(4): 242-247. Feb. 21, 1941. (Published at Palma 45-303, Mexico, D. F.)
The established industries and the new industries.
Discusses, with particular attention to the cotton textile industry, the problems which are created for established industries in Mexico by the granting of special concessions to infant industries. Help is also needed for these older industries which are in a depressed condition, according to the writer.

1992. Mills refusing orders, ceiling, least of griefs. Costs of labor and machinery, lack of power and spectre of rationing eyed. Cotton Trade Jour. 21(30): 1, 3. July 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1993. More government control for textile industry seen by Washington correspondent. Textile Age 5(7): 41-42, 44-45. July 1941. (Published at 381 Fourth Ave., New York, N. Y.) 304.8 T3132
1994. Power conservation plan forces curtailment of southern mills. Cotton [Atlanta] 105(7): 69. July 1941. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823
1995. Reduction asked in freight rates for Texas fabrics. Would enable mills to meet competition from adjoining states. Cotton Trade Jour. 21(28): 1. July 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1996. St. Lucia. Sea island cotton. West India Com. Cir. 56(1112): 117. May 15, 1941. (Published at 40 Norfolk St., London, W. C. 2, England) 8 W524
- "Last year the Department of Agriculture imported seed of the Superfine St. Vincent strain of Sea Island cotton for cultivation in the Colony. Official notice has been given that Mr. L. Floissac will purchase all seed cotton of this strain during the present season. For clean cotton an advance payment of 7 cents per lb. will be made followed by a bonus after the crop is sold. Stained cotton will be bought outright at 4 cents per lb. Growers must take every care that local wild cotton is not mixed with the Superfine St. Vincent cotton."
- Entire item.
1997. Textiles and foreign exchange. Textile Weekly 27(694): 799. June 20, 1941. (Published at 33 Blackfriars St., Manchester 3, England) 304.8 T3127
- Tables show gains in foreign exchange for certain textiles, including cotton textiles, exported from Great Britain to specified countries in 1939.
1998. Todd, John A. Cotton statistics. Textile Mfr. 47(797): 166, 169. May 1941. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126
- Tables show consumption of all cottons in the United States, 1939-41, and estimates of world cotton production for the current season, by country.

2000. U. S. Dept. of agriculture. Office of foreign agricultural relations. Spain's rayon industry again expanding. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 43(3): 61-62. July 21, 1941. (Published in Washington, D. C.) 1.9 St2F
Also in Cotton Trade Jour. 21(30): 6. July 26, 1941.
2001. U. S. Dept. of commerce. Bureau of foreign and domestic commerce. Chilean market for yarns and fabrics. U. S. Dept. Com. Bur. Foreign and Dom. Com. Indus. Ref. Serv. Pt. 12, no. 29, pp. 1-4. June 1941. (Published in Washington, D. C.)
Tables give imports of cotton yarns, 1940, by country of origin, and United States exports of cotton and cotton products to Chile, 1939 and 1940.
2002. U. S. Dept. of commerce. Bureau of foreign and domestic commerce. Nicaraguan market for cotton piece goods. U. S. Dept. Com. Bur. Foreign and Dom. Com. Indus. Ref. Serv. Pt. 12, no. 25, pp. 1-2, June 1941. (Published in Washington, D. C.)
Table gives Nicaraguan imports of cotton cloth in 1940.
2003. U. S. Tariff commission. Cotton and cotton manufactures and reciprocal trade agreements. 47 pp., processed. Washington, D. C., 1941. 173 TL7Reci
"This is one of a series of reports on industries affected by the trade agreements program. Data afford a basis for estimating the effects of the reciprocal trade agreements on a particular industry."
2004. U. S. to supply Britain with 600,000 bales. Cotton Digest 13(40): 6. July 5, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
"The United States will supply Great Britain with over 600,000 bales of cotton under the terms of the lend-lease program, official sources in Washington revealed late this week. The cotton will be taken from government loan stocks. It is reported that Britain plans to take 20,000 bales of the cotton a month if cargo space is available."--Entire item.
2005. What kinds of cotton are needed by mills? Cotton Ginners' Jour. 12(10): 20. July 1941. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
Studies being made by Fred Taylor of the U. S. Department of Agriculture are commented upon.

See also Items nos. 2017, 2023, 2136, 2142, 2149, 2165, 2168, 2179.

Supply and Movement

2006. Bosio, Amadeo L. Algunas causas que han desmejorado los cultivos de la zona. Argentine Republic. Junta Nacional del Algodon. Boletin Mensual no. 72, pp. 305-306, 315. Apr. 1941. (Published in Buenos Aires, Argentina) 72.9 Ar3
Some causes of the decline of cotton cultivation of the zone.

2007. Butler, Eugene. Seeing Brazil's cotton farms. Increased production due to (1) shift from coffee; (2) opening up new lands. Prog. Farmer (Ga.-Ala.-Fla. ed.) 56(7): 10. July 1941. (Published at 821 North Nineteenth St., Birmingham, Ala.) 6 P945G
The author describes a visit to Sao Paulo, Brazil, in this letter to the editor.
2008. Cotton acreage smallest since 1895. Farmer-Stockman 54(14): 373. July 15, 1941. (Published at 500 North Broadway, Oklahoma City, Okla.) 6 Ok45
The report of acreage in cultivation on July 1, made by the U. S. Department of Agriculture, is commented upon.
2009. Cotton surplus admitted. Farmer-Stockman 54(14): 364. July 15, 1941. (Published at 500 North Broadway, Oklahoma City, Okla.) 6 Ok45
Editorial comparing the government cotton acreage reduction program with the wheat program.
2010. [Cox, A. B.] Noted economist diagnoses cotton ills. Cotton Digest 13(40): 4-5. July 5, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Extracts from address on loss of foreign markets for American cotton delivered before the Cotton Research Congress, Waco, Texas, June 26-28, 1941.
2011. Davis, K. C. Quality and size of the Oklahoma cotton crop, 1940-41. Okla. Agr. Expt. Sta. Current Farm Econ. 14(3): 71-75. June 1941. (Published in Stillwater, Okla) 100 Ok4
"The size of the 1940-41 cotton crop in Oklahoma increased materially over that of 1939-40. This can partially be attributed to an increase in acreage planted, but the primary factor was the increase in yield of lint cotton per acre of 70 pounds over that of 1939...Although there was an appreciable decrease in the percentage of cotton classified as middling white and better, this decrease was offset by an increase in the staple lengths."
2012. First bale comes in, month late, as rains delay crop. Houston takes notice as delayed movement from valley looms at last. Cotton Trade Jour. 21(28): 1, 5. July 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The bale was produced in Starr County, Texas, and was ginned on July 10th.
2013. Guin, Marvin, and Parvin, D. W. More corn, hay, less cotton, state trend in acreage. Miss. Farm Res. 4(6): 6. June 1941. (Published by Mississippi Agricultural Experiment Station, State College, Miss.)
A table showing trends in acres planted to cotton, corn and hay, in Mississippi, 1910-1940, is given.
2014. [Johnston, Oscar] Johnston addresses farmers, county agents. Cotton Digest 13(43): 4-5. July 26, 1941. (Published at Cotton Exchange Bldg.,

Houston, Tex.) 286.82 C822

Extracts from address before 600 farmers and county agents at Scott, Mississippi, "this week." The author forecast production and exports for this year.

2015. Johnston, Oscar. Selling away the surplus. Nation's Agr. 16(5): 6-7, 10. May 1941. (Published by American Farm Bureau Federation, 58 East Washington St., Chicago, Ill.) 280.82 B89
Efforts of the National Cotton Council of America to reduce the cotton surplus are described.
2016. Leite de Almeida, José. O algodão sob a influencia da grande guerra No. 2. Ouro Branco 6(12): 28-30. Apr. 1941. (Published at Rua Assembléia, 209, São Paulo, Brazil) 72.8 Ou7
Cotton under the influence of the great war no. 2.
Tables give production in Brazil by States, 1936-1940, and exports from Brazil, 1939-1941.
2017. Mann, E. A. United States imports of textile fibers and manufactures therefrom, 1940. U. S. Dept. Com. Bur. Foreign and Dom. Com. Indus. Ref. Serv. Pt. 12, no. 17, pp. 1-9. Feb. 1941. (Published in Washington, D. C.)
Imports of cotton and cotton cloth are included.
2018. Mayers, H. W. D. Some facts about cotton in Brazil. Inter-American Quarterly 2(4): 88-95. Oct. 1940. (Published at 912-918 Burlington Ave., Silver Spring, Md.) 280.8 In84
The rapid growth of the cotton industry in Brazil is discussed.
2019. [Revere, C. T.] Acreage figure, weevil menace eyed by Revere. Says trade and market unlikely to believe bad news until September. Cotton Trade Jour. 21(30): 3. July 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.808214
2020. Tanganyika Territory. Dept. of agriculture. Annual report, 1940. 8pp. Dar Es Salaam, 1941. 24 T15
Cotton [production and exports], pp. 2-3.
2021. U. S. Dept. of agriculture. Cotton production in 1940. U. S. Dept. of Agr. Crops and Markets 18(6): 122-123. June 1941. (Published in Washington, D. C.) 1 Ag84Wcm
Tables give revised estimates of the cotton crop of 1940, by states; revised estimates of cottonseed for 1940, by states; estimated monthly marketings of cotton by farmers, in percentage of year's sales, United States, 1935-40; reduction from full yield per acre from stated causes, 1940, with comparisons.
2022. U. S. Dept. of agriculture. Office of foreign agricultural relations. Spain's cotton shortage partly alleviated in May. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 43(2): 35. July 14, 1941. (Published in Washington, D. C.) 1.9 St2F
The present cotton supply situation in Spain is described.
Also in Cotton Trade Jour. 21(29): 6. July 19, 1941.

2023. U. S. Dept. of agriculture. Surplus marketing administration. Using cotton stamps under the supplementary cotton program. U. S. Dept. Agr. Surplus Market. Admin. SMA-S.C.-1, [7]pp. Washington, D. C. [1941]
 "The purpose of this leaflet is to explain to retail merchants, farmers, and the public in general how stamps are exchanged for cotton goods under the Supplementary Cotton Program." Under the program farmers receive stamps, redeemable in cotton cloth for reducing acreage.
2024. West Indian sea island cotton. Cotton [Manchester] 47(2264):6. June 21, 1941. (Published by Manchester Cotton Association, Ltd., 96 Deansgate, Manchester, 3, England) 304.8 C826
 Production in 1940 and outlook for 1941 are given, briefly.
- See also Items nos. 1982, 1987, 1998, 2001, 2156, 2163, 2165, 2168, 2172, 2178.

Prices

2025. Activity in cotton textiles is resumed on large scale as price ceiling is lifted. Major victory for textile and cotton group hailed, May prices basis. Cotton Trade Jour. 21(30): 1,8. July 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2026. Atchison, J. C. Postpone price-fixing, urge southern senators. Gray goods ceilings arouse opposition of group, which resolves "if and when authorized by Congress, it shall apply to processing costs and consumer prices." Daily News Rec. no. 153, pp. 1,7. July 1, 1941. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
2027. Basis 'over cotton' urged as way to handle "ceilings." Daily News Rec. no. 174, pp. 1,7. July 26, 1941. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
 A plan for handling the price ceilings on cotton cloth is suggested.
2028. [Bell, W. Ray] Bell finds gray goods [price ceiling] too hastily drawn, confusing. Head of Worth street merchants points to serious defects in O.P.A.C.S. ruling likely to disturb trade for months to come-- see co-operation by trade difficult and burdensome. Jour. Com. [N.Y.] 189(14574): 10,11. July 2, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
 The author is president of the Association of Cotton Textile Merchants of New York.
 Also noted in Daily News Rec. no. 154, pp. 1,20. July 2, 1941; Cotton Digest 13(41): 5. July 12, 1941. Amer. Wool and Cotton Rptr. 55(28): 7-8. July 10, 1941.
2029. [Bell, W. Ray] Cotton goods log jam broken by new prices. Cotton Digest 13(43): 3-4. July 26, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
 The recent action of the Office of Price Administration and Civilian Supply is discussed.

2030. British pegged cotton prices stay unchanged. Cotton Trade Jour.21(27):
1. July 5, 1941. (Published at Cotton Exchange Bldg., New Orleans,
La.) 72.8 C8214
"Prices for raw cotton in Liverpool will continue until October 31
at the level at which they are now stabilized."
2031. Cámara algodonera del Perú. Comité de cotizaciones spot. Algodón
1(8): 243-244, processed. May 1941. (Published by Cámara Algodonera
del Perú. Apartado No.1605, Lima, Peru)
Committee of spot quotations.
Grade differences for use in applying Law No.9154 are given.
2032. Cloth, oil ceilings hit cotton prices. Futurés off \$2.35 to \$2.60 a
bale--spots in South drop \$2.50. Jour.Com.[N.Y.] 188(14572): 1,11.
June 30, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
The effect on raw cotton prices of the promulgation of price
ceilings on six leading classes of cotton grey goods by the Office
of Price Administration and Civilian Supply, is discussed.
2033. D'Agostino, C. O. nosso algodão. Ouro Branco 6(12): 24-26. Apr.1941.
(Published at Rua Assembléia, 209, São Paulo, Brazil) 72.8 Ou7
Our cotton. Values of Brazilian and American cotton are compared.
2034. [Davis, James P.] Ceiling a "confession of failure." OPACS would
rather do anything else than that, Davis tells N.A.C.M. Textile
World 91(7): 51. July 1941. (Published by McGraw-Hill Publishing
Co., Inc., 330 West 42d St., New York, N.Y.) 304.8 T315
Extracts from address at meeting of National Association of Cotton
Manufacturers, Boston, June 5, 1941.
2035. [Delta council] Flay Opacs price ceiling in Delta council session.
"Arbitrary action" by Henderson draws hot words, sizzling wires.
Cotton Trade Jour.21(28): 4. July 12, 1941. (Published at Cotton
Exchange Bldg., New Orleans, La.) 72.8 C8214
The resolution adopted by the Delta Council is given in full.
2036. [Fall River cotton manufacturers' association] Labor's concern with
cotton ceiling stressed by mills. Daily News Rec. no.162, pp.1,8.
July 12, 1941. (Published at 8 East 13th St., New York, N. Y.)
286.8 N48
2037. Fisher, Russell T. Ceiling order seen menace to quality. Price fix-
ing puts premium on inferior cloths, says R. T. Fisher. Daily News
Rec. no. 154, pp.1,20. July 2, 1941. (Published at 8 East 13th
St., New York, N. Y.) 286.8 N48
Also in Fibre and Fabric 94(2944): 13. July 5, 1941; Amer. Wool
and Cotton Rptr.55(28): 8. July 10, 1941.
2038. [Fuller, George E.] Fixed prices on cotton goods analyzed. Amer. Wool
and Cotton Rptr.55(28): 9-10. July 10, 1941. (Published by Frank P.
Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
The price ceilings are discussed.

2039. Gordon, J. B. Cite unfixed price trend in long-term cotton purchasing. Daily News Rec. no. 174, p.7. July 26, 1941. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
The effect on the market of cotton sold for delivery to mills after July 1942 is commented upon.
2040. Government alarm. Cotton Digest 13(43): 8. July 26, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Editorial on the present cotton price situation.
2041. Gray goods price ceiling forces cotton mart down, and stirs hornet's nest. Agricultural group angered at effective limitation on price of raw. Cotton Trade Jour.21(27): 1. July 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The effect of the order announced by the Office of Price Administration and Civilian Supply, on raw cotton prices is discussed.
2042. Johnston hits ceiling, asks aid of solons. National cotton council president scores Henderson's cotton goods price fixing in sizzling telegram. Cotton Trade Jour.21(27): 1,2. July 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Includes text of a telegram sent by Oscar Johnston to Leon Henderson protesting the "establishment of price ceilings for six types of cotton goods."
Also noted in Cotton Digest 13(40): 3. July 5, 1941; Cotton and Cotton Oil Press 42(14): A8. July 5, 1941; Amer. Wool and Cotton Rptr.55(28): 8, 10. July 10, 1941.
2043. [Jones, J. Roy] "Unjust, unfair, un-American", Jones calls it. Fixing of price ceiling on yarns denounced by South Carolina commissioner. Cotton Trade Jour.21(27): 7. July 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Also noted in S.C.Commr.Agr., Com., and Indus. S.C. Market Bul., July 13, 1941, p.1
2044. McDonald, J. E. Tariffs for all or tariffs for none. Cotton Ginners' Jour.12(10): 10-11. July 1941. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
The author considers the outlook for cotton prices under the "Bankhead Bill providing for a cotton loan of 85% of parity, coupled with the prospects of a short 1941 crop."
2045. Opitz, Chas. E. Cotton values hesitating at new high level. Believe general price legislation will omit farm commodities. Cotton Trade Jour.21(29): 1,8. July 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2046. The price ceilings. Amer.Wool and Cotton Rptr. 55(28): 36. July 10, 1941. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
Editorial criticizing the price ceilings on cotton goods.

2047. Price control by trial and error. England's acts show success demands all or nothing—"all" includes wages. Textile World 91(7): 52. July 1941. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
2048. Riemer, Harry. Cotton price rise reopens debate on gray goods ceiling. Mills said to hold to 60-90 day deliveries because of fiber increases. Daily News Rec. no.173, pp.1,20. July 25, 1941. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
2049. Say textile price ceiling to move with cotton costs, means fixed mill margins. Compromise calls for advisory council of mill men to assist OPACS, Worth street still in doldrums. Cotton Trade Jour.21(28): 1,8. July 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
A conference between Leon Henderson, Oscar Johnston and Burnet R. Maybank is briefly reported. A statement by Ray Bell is also given.
2050. Some further thoughts on prices. Amer. Wool and Cotton Rpt.55(29): 36. July 17, 1941. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
Editorial on the price ceiling.
2051. Stubblefield, Blaine. And now--ceilings on cotton goods. Henderson sets top poundage prices of 25 to 45c on six gray goods groups. Textile World 91(7): 50. July 1941. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.) 304.8 T315
2052. Wages and prices interrelated. Cotton Digest 13(42): 8. July 19, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Editorial stating that "it seems obvious that commodity ceilings will be unworkable unless these fixed prices are tied in with ceilings upon labor."
2053. Wassall, Harry W. Movable ceiling for textiles no handicap, claim. No ceiling at all, only fixing of mill margins, says Wassall. Cotton Trade Jour.21(28): 3,8. July 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The question of a price ceiling for cotton cloth is discussed.
- See also Items nos. 1992, 1996, 2061, 2081, 2137, 2138, 2146, 2147, 2148, 2155.

Marketing and Handling Methods and Practices

2054. Commodity futures margins. Jour. Com. [N.Y.] 189(14537): July 18, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
Editorial commenting on the proposal of the Commodity Exchange Administration for a uniform minimum margin requirement of at least 15 per cent of the value of the transactions.

2055. U.S. Dept. of agriculture. Commodity exchange administration. CEA reports year's trading. Cotton Digest 13(40): 14. July 5, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
 "Sharp increases in the volume of trading in fats and oils but marked declines in grains and cotton were main trends in the agricultural futures markets during the 1941 fiscal year."

See also Items nos. 2060, 2171.

Marketing Services and Facilities

2056. Classing of loan cotton by B.C.E. was satisfactory. Report Department of agriculture commended on results of classing. Cotton Trade Jour. 21(30): 3. July 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 The classing of the 1940 loan cotton by the Board of Supervising Cotton Examiners of the U. S. Department of Agriculture is commented upon.
2057. Cotton for England. Cotton Trade Jour. 21(30): 2. July 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 Editorial suggesting that private shippers should handle exports of cotton to England under the Lend-Lease Act.
2058. Jamieson, Edward. CCC won't sell any cotton, is view in capital. Possibility of government unloading dwindles fast as mere rumor of it rouses storm of opposition. Cotton Trade Jour. 21(30): 1, 8. July 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 The possibility that the Commodity Credit Corporation will release any of its government owned cotton into the open market is discussed.
2059. Karachi cotton association, ltd. Quarter century of Karachi cotton trade: retrospect & prospect. 52 pp. [Karachi, Universal printing house, 1940] 281.372 K14
 Marketing services and facilities of Karachi are briefly described.
2060. Preserve futures validity. Cotton Digest 13(43): 8. July 26, 1941. (Published at Cotton Exchange Bldg., Houston, Texas.) 286.82 C822
 Editorial regarding "reports that plans are under way for basing the loans upon southcoastern mill points, rather than on the ports as in the past. This may be advisable due to the absence of an export market. But in establishing these differentials consideration should be given to the fact that futures contracts are based upon the ports, and nothing should be done to upset the validity of this contract."
2061. St. Kitts-Nevis. Purchase of sea island cotton. West India Com. Cir. 56(1112): 117. May 15, 1941. (Published at 40 Norfolk St., London, W.C. 2, England) 3 W524
 "The Government is advancing to peasants 4d. per lb. for clean dry, and 1/2d. per lb. for stained, Sea Island cotton grown in Nevis and

delivered at the Government ginnery. Any proceeds available after the crop has been sold will be divided amongst the suppliers."--Entire item.

2062. Scherz, Albert D. Loan equities buying. Cotton Trade Jour. 21(30): 2. July 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Letter to the editor giving a buyers' experiences in buying equities in loan cotton from farmers.

Also in Cotton Digest 13(43): 14. July 26, 1941.

2063. Texas shippers get protection of new clause. Risk under Southern mill rules is met by indorsement on policy. Cotton Trade Jour. 21(30): 7. July 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214.

The Committee on Insurance of the Texas Cotton Association has requested "the insurance underwriters to extend the marine policies further to afford a more adequate cover for cotton sold under Southern Mill Rules on Landed Terms."

2064. Uniform warehouse receipts. Cotton Digest 13(39): 8. June 28, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

An editorial urging the adoption of a standard cotton warehouse receipt by the cotton growing states.

2065. U.S. Dept. of agriculture, Announce 1941-1942 one-variety cotton improvement policy. Daily News Rec. no. 176, p. 7. July 29, 1941. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48

"Under the plan, up to 225,000 bales of cotton produced in 1941, in selected one-variety areas, will be made available to domestic and foreign spinners in even running lots composed solely of cotton from the same areas."

See also Items nos. 1996, 2066, 2070, 2071, 2154, 2156.

Marketing Costs

2066. Carrying charge for loan cotton of 1941 may be 7 points to a month. Jour. Com. 139(14585): 12. July 16, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

"Carrying charges to borrowing growers on 1941 loan cotton, under the program to be announced shortly, will probably average about 7 points per month. This statement is based on the announcement by the Department of Agriculture" of the maximum warehousing rates.

2067. Marengo, Carlos Raúl. Los gastos de producción y comercialización del algodón y del trigo. Incidencia de los fletes ferroviarios desde zonas marginales. Argentine Republic. Junta Nacional del Algodón. Boletín Mensual no. 72, pp. 295-298. Apr. 1941. (Published in Buenos Aires, Argentina) 72.9 Ar3

The costs of production and marketing of cotton and of wheat. Incidence of railroad freight rates from the marginal zones.

2068. Matlock, Clifford C. Trends in railroad traffic, freight rates, and prices, perishable agricultural commodities, United States. 60 pp., processed. Washington, U.S. Dept. of agriculture, Bureau of agricultural economics, 1941.
A table showing index numbers of railroad freight rates on wheat, cotton, livestock, fruits and vegetables, and all agricultural products, United States, 1913-1940, is given on p.37.
2069. Reduce freight rates on cotton from N.O. area. Effective August 7, new tariffs improve competitive position of region. Cotton Trade Jour.21(29): 8. July 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
A rate of "83 cents on carload minimums of 50,000 pounds, from east-bank Louisiana points and from Mississippi points south of Jackson-Vicksburg, Miss., to eastern, New England and Canadian points" is announced.
2070. [U.S. Dept. of agriculture. Commodity credit corporation, Warehouse rates issued on cotton. Cover 1941 loan crop and both old, new stocks--rates fixed at 15c to 17 1/2c per bale. Jour.Com. [N. Y.] 189(14583): 3. July 14, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
Also noted in Cotton Trade Jour.21(29): 1, 7. July 19, 1941; Cotton Digest 13(42): 3. July 19, 1941.

See also Item no. 2145.

Cooperation in Marketing

2071. Larson, Adlowe L. Financing of Oklahoma cooperatives. Okla. Agr. Expt. Sta. Current Farm Econ.14(3): 76-85. June 1941. (Published in Stillwater, Okla.) 100 Ok4
Tables give number of cotton associations borrowing and amount borrowed.
See also Items nos. 2065, 2154.

UTILIZATION

Fiber, Yarn and Fabric Quality

2072. Casassovici, C., Teodorescu, D., and Ionescu-Muscel, I. Über die technische quantitative analyse eines textilfadens. Société Roumaine de Physique, Bul.41(75): 5-16. 1940. (Published by Laboratoire d'Acoustique et Optique, Université de Bucarest, Str. R. Poincaré 14, Bucarest, Roumania) Natl. Bur. Standards.
Technical quantitative analysis of single textile threads.
"The authors take n readings of the breaking load, G, of the yarn, cut off the broken ends from the clamps of the testing machine, and weight the pieces, thus obtaining a series of values of the weights, g, of pieces of length l, l being the distance between the clamps ... The treatment is illustrated by reference to a two-fold cotton yarn which is described as 'irrégular, uneven, but homogeneous' and a

vigogne yarn doubled from two yarns of different counts, which is 'irregular, uneven, and inhomogeneous.' The number of tests, n , in each case is 20. -C" -Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit.21(8): 195. Apr.30, 1941.

2073. Effect of moisture control on cotton. Amer.Wool and Cotton Reprtr.55(26): 44-45. June 26, 1941. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88

Some references to the literature on this subject are given in reply to a letter to the editor.

2074. Haller, Robert. Der einfluss der belichtung weisser und gefärbter vegetabilischer und animalischer fasern auf deren histologischen aufbau. Melliand Textilberichte 21(7): 352-355. July 1940. (Published at Heidelberg, Germany) 304.8 T312

The influence of exposure to light on the histological structure of white and dyed animal and vegetable fibers.

"Raw undyed cotton, exposed four weeks to intense sunlight, no longer gave the characteristic reactions with cuprammonium or copper ethylenediamine; it also showed uneven swelling in sodium hydroxide solution, in contrast to the uniform swelling of non-illuminated samples. All tests for oxycellulose, however, were negative. Illumination caused the rapid formation of oxycellulose in cotton which has been dyed with Anthraflavone G; this was chiefly on the fiber surface. Flax dyed, illuminated, and then swelled in caustic soda, showed typical breaks along planes perpendicular to the fiber axis. In dyed wool illumination causes deep-seated alterations in the cementing substance which holds the histological elements together. When viscose rayon was dyed with Anthraflavone G, the structure under the microscope did not show any noticeable change; its strength, however, had decreased considerably, the fiber had become brittle and showed all reactions of oxycellulose. The dyestuff acts in all these cases as a strong light catalyst. - E.S." - Lawrence Col., Inst. Paper Chem. Bul.11(10): 350. June 1941..

2075. Hess, Kurt, and Steurer, Erwin. Vergleich von endgruppenbestimmung und viscosität bei cellulose. Deutsche Chemische Gesellschaft, Berichte 73B(6): 669-706. June 5, 1940. (Published at Sigismundstrasse 4, Berlin, W35, Germany) 384 B45

Comparison of end-group determination and viscosity in cellulose.

An extensive abstract is given in Chem.Abs.35(2): 617-619. Jan.20, 1941.

2076. Kasbekar, G. S. Mechanism of swelling of cellulose. Current Sci. [India] 9(9): 411-413. Sept. 1940. (Published at Hebbal P. O., Bangalore, India) 475 Sci23:

"A study of the swelling of cellulose in aq. solns. of neutral salts ($ZnCl_2$, $Ca(CNS)_2$, H_2SO_4 , H_3PO_4) revealed in dil. solns. a preferential absorption of solute which was distinctly noticeable until the concn. of the soln. reached values that caused extensive swelling. There was a distinct preferential absorption of the cation of the salt at low salt concns. and also in the initial stages of swelling at high concns.

The formation of hydrocellulose during swelling in these solns. was confirmed by detg. the fluidity, Cu no. and dye absorption of the original cellulose and of the swollen material. It is suggested that the cellulose mols. combine with the neutral salts or acids to form corresponding oxonium salts (O in the glucoside linkage probably functioning as a quadrivalent atom,) which ionize in soln. to give diffusible anions and non-diffusible "oxonium cellulose cations." Conditions are thus created which set up an osmotic flow of the external liquid into the gel phase in accordance with the principle of the Donnan equil. This results in the swelling of cellulose.—Ruth Berggren."—Chem.Abs. 35(4): 1220-1221. Feb. 20, 1941.

2077. Lee, H. N., and Schwarz, E. R. Cross sectioning of textile materials by hand without microtome or other special equipment. Textile Res. 11 (8): 363-367. June 1941. (Published by United States Institute for Textile Research, Inc., 65 Franklin St., Boston, Mass.) 304.8 T293
 "Methods are described which can be used for cutting very thin sections, as thin as can be made with a microtome. These methods can be used with a microtome but entirely satisfactory sections for most purposes can be prepared with no special equipment of any kind. Fundamentally these methods consist of impregnating a tuft or bundle of fibers or fabric with a material of such stiffness and tenacity that the fibers will be held in position during the cutting operation."—Abstract.
2078. Lyons, W. James. Crystal density of native cellulose. Jour. Chem. Phys. 9(4): 377-378. Apr. 1941. (Published by the American Institute of Physics, Prince & Lemon Sts., Lancaster, Pa.) 334.8 J823
 References, p.378.
 "Reference is made to the mean value of 1.585 g./cc. for the true density of alpha-cellulose in standard cotton linters obtained by Stamm and Hansen which is distinctly higher than any previously reported and the only one in agreement with the density calculated from Meyer's revised model of the unit cell of native cellulose. Using Meyer's dimensions for the unit cell and a molecular weight of 324.16 for the cellobiose residue, a theoretical density of 1.582 g./cc. has been calculated by the author. The most persistent, systematic, experimental error to be expected in density measurements on cellulose is that arising from void spaces. The low values previously reported differ from the theoretical value in the direction which would be expected if inadequate correction is made for porosity. These considerations greatly enhance the reliability of 1.582-1.585 g./cc. as the density of native cellulose in the continuous crystal lattice.—E.S."—Lawrence Col., Inst. Paper Chem. Bul. 11(9): 307-308. May 1941.
2079. Rogovin, Z. A. [Modern problems in the physics and chemistry of cellulose.] Uspekhi Khimii 9(7): 737-770. 1940. (Published in Moskva, U.S.S.R.) 385 Us6.
 In Russian.
 Literature, pp. 769-770.
 "R. discusses detn. of mol. wt., homogeneity of cellulose micelles

and chains, polymorphism of cellulose and its derivs. (especially the alkyl), compn. and dimensions of the crystal lattices, physicomach. properties, prepn. and properties of acetyl, alkyl, nitric acid, xanthate and Cu-ammonia derivs.-- F. H. Rathmann."-- Chem. Abs.35(4): 1220. Feb. 20, 1941.

2080. Ruska, H., and Kretschmer, M. Übermikroskopische untersuchungen über den abbau von zellulosefasern. Kolloid Zeitschrift 93(2): 163-166. Nov. 1940 (Published by Theodor Steinkopff, Leipzig, Germany) 384 Z315
Footnote references.

Studies on the degradation of cellulose fibers by means of the electron microscope.

"In view of the fact that the small fiber elements such as, for example, Farr's particles, have been observed close to the limit of the resolving power of the microscope and considering the discrepancies in dimensions of such elements isolated by various other investigators, the authors followed the degradation of cellulose fibers under the influence of hydrochloric acid (sp. gr. 1.19) by means of the electron microscope. Farr's observation, namely, that the fibrils disintegrate into regularly dimensioned fragments could not be confirmed. The fragments represent heterogeneous, amorphous debris of no characteristic shape. However, if the preparations are freed of dissolved portions by sedimentation, more definite fragments are observed. These appear as short fibrils (0.5 to a few microns long and 10-100 millimicrons wide.) After prolonged treatment (19 hours) longer threads are observed. These are several microns long and about 5 millimicrons wide--i.e., the width corresponds to the width of the micelles derived from x-ray data. The picture shows most of the long fibrils to be aligned parallel to each other. These threads probably occur only in the outer layer of the fiber and have retained their original parallel orientation. The picture corresponds in many respects to the scheme suggested by Frey-Wyssling. The authors are inclined to regard these elements to be micelles in spite of the fact that they are longer than 600-1000 Å. In the light of these observations Farr's particles can hardly be regarded as preformed, fundamental units of the fiber.-- E.H."-- Lawrence Col., Inst. Paper Chem. Bul. 11(9): 308. May 1941.

2081. Saville, Dorothy. The relationship between price and certain properties of percale. Okla. Agr. and Mech. Col. Household Arts Dept. Res. Pub.1, 35 pp., processed. Stillwater, 1940. 321.9 Ok4
Literature cited, p.35.

"The data in this study indicate that a 19-cent percale may be as durable and as serviceable as a 25-cent piece and that a 10-cent percale may be as satisfactory as a 15-cent percale. The sale price percales compared favorably with others bought at the same price, but a percale at sale price might be a good buy, whereas at regular price it would not have been. The wide difference appears to come between the 15-cent percales... and the 19-cent fabrics."

2082. Seyd, Charles. Betrachtungen über die vorbehandlung der baumwolle zur erzielung höchstmöglicher elektrischer isolierung. Melliand Textilberichte 22(4): 208-209. Apr. 1941. (Published in Heidelberg, Germany) 304.8 T312
 Considerations concerning the preliminary treatment of cotton to arrive at the highest potential electrical insulation.
2083. Sisson, Wayne A., and Saner, William R. The effect of the temperature and the concentration of sodium hydroxide on the x-ray diffraction behavior of raw and of degraded cotton. Jour. Phys. Chem. 45(5): 717-730. May 1941. (Published by Williams & Wilkins Co., Mount Royal and Guilford Aves., Baltimore, Md.) 318 J822
 References, p. 730.
2084. Steurer, Erwin. Über den einfluss des lichtes auf cellulöselösungen. Zeitschrift für Physikalische Chemie 47D(2-3): 127-154. Sept. 1940. (Published by Akademische Verlagsgesellschaft, Leipzig, Germany) 384 Z37B
 Footnote references.
 The influence of the lights on cellulose solutions.
 "Through investigation of the action of ultra-violet light on solutions of methyl cellulose in dioxane, statements concerning the nature and the place of the linkages which are split in cellulose by the light were obtained in conjunction with the determination of the optical absorption as well as the end group content and other properties."-- Author abstract translated by C. M. Conrad.
2085. Ullman, G. The spinning of dyed or bleached cotton. Textile Mfr. 47(797): 156. May 1941. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126
 The effect of surface properties of the cotton fiber on the results of dying and bleaching are discussed.
2086. [U.S. Dept. of agriculture.] Fiber strength factor is shown by x-ray tests. Direct relation between angle of cellulose strands and strength are found. Cotton Trade Jour. 21(29): 3,4. July 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 Tests made by Dr. Earl E. Berkley are announced.
 Also noted in Cotton Digest 13(43): 6. July 26, 1941.
2087. Znamenskii, A. V. On the conjunction of adsorption and chemical processes. Kolloidnyi Zhurnal 4(6-8): 631-639. 1938. (Published by Pochtovoje otdelenie SKhI, Gos. Nauchno-Issledovatel'skii Institut, Voronezh, U.S.S.R.) 385 K83
 In Russian.
 "The amount of sodium hydroxide taken up by cotton from a solution of concentration c is proportional to $c^{3/4}$; this is interpreted to mean that a compound (soda-cellulose) is formed besides the adsorption of alkali according to the Freundlich isotherm. Similarly, in the adsorption of oxalic acid by ferric hydroxide, q_1 q_2 is proportional

to $\frac{c}{l/3}$ where q_1 is the amount of
oxalic acid adsorbed by 1 gm. of ferric hydroxide and q_2 is the
amount chemically combined.-C"-Brit. Cotton Indus. Res. Assoc. Sum.
Cur. Lit. 21(10): 254. May 31, 1941.

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See also Item no. 2106

Technology of Manufacture

2088. Calkins, William. Drawing an important factor in yarn costs. Textile Age 5(7): 46, 48, 52-53. July 1941. (Published at 381 Fourth Ave., New York, N. Y.) 304.8 T3132
2089. Care and maintenance of closed mills. Textile Weekly 27(695): 833, 835. June 27, 1941. (Published at 33, Blackfriars St., Manchester 3, England) 304.8 T3127
Contributions from readers are given.
2090. Centrifugal spinning and twisting. Tensionless spinning of delicate yarns by a centrifugal method allowing automatic doffing. Textile Mfr. 37(797): 172. May 1941. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126
2091. Crook, N. Closing cotton spinning mills. Points requiring attention in closing down of cotton spinning mills for an indefinite period. Textile Mfr. 47(797): 158-159. May 1941. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126
2092. Duerst, John. Let's look at the roving bobbin. Cotton [Atlanta] 105(7): 59-61. July 1941. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823
2093. Factors affecting twist per inch. Are you a gear juggler or can you "hit them on the nose"? Whitin Rev. 9(2): 9-11. June 1941. (Published by Whitin Machine Works, Whitinsville, Mass.) 304.8 W53
"In addition to the normal mechanical arrangement of the spinning frame there are three variables which govern the number of turns per inch actually spun into a yarn: (1) Twist contraction. This varies with the twist multiplier employed and tends to increase turns per inch. (2) Traveler lag. This varies with the twist per inch and the bobbin diameter. Its effect is to reduce twist. (3) Tape slippage. This will vary with local conditions and its effect will be to reduce twist.
2094. [H & B American machine Co.] Cotton twister. Textile World 91(7): 77. July 1941. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
2095. Schnitt, A. Das kämmen der baumwolle und zellwolle. II. Die baumwoll-kämmaschine (original-system "Nasmith"). Melliand Textilberichte 22(2): 63-67. Feb. 1941. (Published in Heidelberg, Germany) 304.8 T312
The combing of cotton and staple fiber. II. The cotton-combing machine (original-system "Nasmith").

2096. Wilson, Hamlet. The erection of cotton spinning plant---6. Blow-room improvements. Indian Textile Jour. 51(607): 163-164. Apr. 1941. (Published at Military Square, Fort, Bombay, India) 304.8 In2

Technology of Consumption

2097. American rubber industry uses 10% of all cotton. Textile Bul. 60(8): 43. June 15, 1941. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
Charles K. Everett is quoted as to uses of cotton in the rubber industry.
2098. Ashmore, William G. All the tent duck in the U.S. is not enough to sate appetite of the Jeffersonville Quartermaster depot. Textile World 91(7): 48-49. July 1941. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
Qualities of duck required by the Army are described.
2099. Bedding in national defense. Bedding Mfr. 40(6): 12-13. July 1941. (Published by the Better Bedding Alliance of America, 608 South Dearborn St., Chicago, Ill.) 309.8 B39
"Since the Defense Program got under way, the Army has acquired 2,417,000 pillows, 1,773,000 mattresses, 1,175,000 cots and 188,000 metal beds. The Navy purchased 298,000 pillows and 220,000 mattresses; the Marines 50,000 pillows and 57,000 mattresses. Hospital branches add another 60,000 pillows and mattresses and upwards of 50,000 beds."
2100. Cotton insulation important help to raise consumption. New use for cotton may help dispose of 500,000 bales annually. Cotton Trade Jour. 21(27): 1. July 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Uses of Reyn-O-Cell, a new cotton insulation material, are noted.
2101. Cotton stalks for wallboard. Cotton and Cotton Oil Press 42(15): 6. July 19, 1941. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Experiments conducted by Professor F. zur Burg of Clemson College are noted.
2102. Curing concrete with cotton. National cotton council of America has its sights set on a potential 250,000 bale consumption for the manufacture of cotton mats. Tex. Digest 17(25): 11. June 21, 1941. (Published at Liberty Bank Bldg., Dallas, Tex.) 280.8 T31
2103. King cotton comes back. Pop. Mechanics Mag. 76(2): 92-95, 166-168. Aug. 1941. (Published at 200 East Ontario St., Chicago, Ill.) 291.8 P81
Research relating to uses under way in the United States is discussed.
2104. Low-cost house of cotton can be set up in 62 hours. Pop. Mechanics Mag. 76(1): 31. July 1941. (Published at 200 East Ontario St., Chicago, Ill.) 291.8 P81
A demonstration house exhibited by the U.S. Department of Agriculture is shown in the illustration.

2105. Superwalls speed building. Modern Plastics 18(7): 38. Mar. 1941.
(Published at 20th and Northampton Sts., Easton, Pa.) 309.8 P69
A resin-bonded, cotton fabric covered plywood wall board used in building construction is described.
2106. White, Gladys. Physical properties of cotton corduroy for boys' clothing. Amer. Dyestuff Rptr. 30(12): 295-298, 315-316. June 9, 1941. (Published by Howes Publishing Co., Inc., 440 Fourth Ave., New York, N.Y.) 306.8 Am3
References, p.316.
Specifications applying to corduroy with w-pile yarns and 11 or 12 ribs to the inch, proposed by the Bureau of Home Economics, are included.
2107. The world and shoes. Cotton Trade Jour. 21(27): 2. July 5, 1941.
(Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Editorial quoting statistics to show that "less than one pair of shoes per person is being used in the world today, whereas the consumption in the United States per person is 3 1/2 pairs of shoes." Cotton is used in making shoes.

See also Items nos. 2082, 2113, 2130, 2164, 2179.

COTTONSEED AND COTTONSEED PRODUCTS

2108. Ceiling on cottonseed oil will set ceiling on 1941 seed prices. Cotton and Cotton Oil Press 42(14): A7-A8. July 5, 1941. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Establishing a ceiling on cottonseed oil prices by the Office of Price Administration and Civilian Supply "will automatically fix the farmers' price for their 1941 cottonseed."
2109. Chicago. Board of trade. Cottonseed oil regulation amended. Chicago Bd. Trade. Monthly Letter to Members, July 15, 1941, p.3. (Published in Chicago, Ill.)
The regulation relates to the months traded in.
2110. Cottonseed feed used in China centuries ago. Co-op. Farmer 19(8): 7. July 1941. (Published at 200 1/2 South State St., Jackson, Miss.) 280.28 C7892
2111. Cullison, A. E. How much cottonseed cake may be fed to fattening calves? Two-thirds of ration with c.s.m., corn, on even price basis. Miss. Farm Res. 4(7): 8. July 1941. (Published by Mississippi Agricultural Experiment Station, State College, Miss.)
2112. Fairchild retail selling division. Selling rayons. Sales manual. Daily News Rec. no. 160 (sec.2), pp. 1-35. July 10, 1941. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
Processes of manufacturing rayon are described, including the production of cellulose from cotton linters.

2113. Jamieson, Edward. Cotton. Shortness of linters supply. Cotton Trade Jour. 21(28): 1,5. July 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

The possibility of using lint cotton for the manufacture of smokeless powder is discussed.

2114. Johnston submits edible oil price plan. Cotton Digest 13(43): 12. July 26, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

The plan providing for the control of all edible fats and oils, instead of the contemplated ceiling on cottonseed oil alone, submitted to Leon Henderson by Oscar Johnston, is outlined.

Also in Cotton and Cotton Oil Press 42(16): A3. Aug. 2, 1941.

2115. Margins raised for trading in cottonseed oil. Cotton Trade Jour. 21(27): 1. July 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

"The Board of Directors of the New Orleans Cotton Exchange, at a meeting held this week, amended, effective on all contracts entered into on and after June 30, 1941, Section 1 of Rule 43 of the Rules governing transactions for future delivery of Refined Cottonseed Oil by expunging the figures \$200.00 in the fifth line of the Section and substituting therefor the figures \$400.00."

2116. North and South Carolina crushers have splended meet. Cotton and Cotton Oil Press 42(14): A6. July 5, 1941. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Brief report of joint session of the North and South Carolina Cottonseed Crushers' Associations' convention, Blowing Rock, N. C., June 24, 1941.

2117. Olcott, H. S., and Fontaine, T.D. The absence of lipase in cottonseed. Oil and Soap 18(6): 123-124. June 1941. (Published by Gillette Publishing Co., 330 South Wells St., Chicago, Ill.) 307.8 J82

Literature cited, p. 124.

"Presented in part before the Division of Agricultural and Food Chemistry of the American Chemical Society at Detroit, September, 1940."

"Although analyses of free fatty acid fractions obtained from deteriorating cottonseed indicate that they are released by hydrolysis of the glycerides, no lipase could be detected in meals obtained from such seed. Prime cottonseed also was without lipolytic activity (Longnecker and Haley method.) The mechanism of the reaction whereby free fatty acids develop in wet seed during storage thus remains obscure."

2118. Ousley, Clarence. Amazing cottonseed meal. Cotton and Cotton Oil Press 42(15): 12. July 19, 1941. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Editorial on the paper by Fred Hale and John Henry Baungardner presented at the Cotton Research Congress.

2119. Pioneer palmetto farmers suggested cottonseed oil. Old South Carolina agricultural society encouraged oil industry over a hundred years ago. S.C. Commr. Agr., Com. and Indus. S.C. Market Bul. July 3, 1941, p.1. (Published at Anderson, S. C.) 280.39 So8
In 1807 the Agricultural Society of South Carolina offered a premium for a method of extracting oil from cottonseed.
2120. "Rubber" ceiling for fats and oils asked by Johnston. Cottonseed oil must not be singled out by OPACS, Council view. Cotton Trade Jour. 21(30): 1,3. July 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
"The Johnston plan provides for the determination of a base price for edible oils and fats to be paid the producer of the raw material, with margins to be added to represent the return to each processor or handler as the raw product moves to the consumer. Both maximum and minimum prices would be set, with adjustments from time to time to assure parity with other commodities."
2121. Stangel, W. L., and Reed, J. Russell. Cottonseed hulls or silage for fattening yearling steers with varying levels of cottonseed meal. The Cattleman 28(2): 31. July 1941. (Published by the Texas and Southwestern Cattle Raisers Association, Inc., Coliseum Bldg., Stock Yards, Fort Worth, Texas) 49 C29
2122. Threaten reprisal in war of dairies against margarine. Dairy publication's hostile program draws council leaders' ire. Cotton Trade Jour. 21(29): 4. July 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
A statement by C. G. Henry, chairman of the section of the National Cotton Council charged with protection of margarine, is quoted.
Also noted in Cotton Digest 13(42): 5. July 19, 1941.
2123. Tri-states cottonseed oil mill superintendents' association. Proceedings of the annual convention...Hot Springs, Arkansas, May 8-9, 1941. Oil Mill Gazetteer 45(12): 27-38. July 1941. (Published in Wharton, Tex.) 307.8 O153
The following papers are included: Moisture control in cooking cottonseed meats, by John Leahy, pp.29-31; Who's to blame for poor operating, by Roy Castillow, pp. 31-32; Results of laboratory linter machine, by R. D. Doughtie, pp. 36-37.
2124. Ueno, S., and Tokunaga, T. Studies on the reaction process of the hydrogenation of cotton seed oil under medium pressure. Soc. Chem. Indus. Japan Jour. (Sup. Binding) 43(9): 292B-294B. Sept. 1940. (Published by the Society of Chemical Industry, Yuraku Bldg., Marunouchi, Tokyo, Japan) J 385 J82
"Hydrogenation of cottonseed oil was carried out at 25 atm. and 180° with 2% of highly active Ni catalyst. The I no., mp. and sp. gr. changed greatly during hydrogenation, but the acid value and sapon no. were changed only slightly. The reaction was mostly completed in 1.5 hrs. Satd. fat acids did not increase greatly until the percentage of oleic acid reached the max. This fact indicates that at this

period the change from oleic to stearic or from linoleic to stearic acid did not take place and indicates the selective nature of higher unsatd. fat acids. The percentage of isooleic acid showed the highest value at about 0.5 hr. from the start. At this time linoleic acid disappeared.- E. Scherubel." - Chem. Abs. 34(4): 1255. Feb. 20, 1941.

2125. U.S. Congress. Temporary national economic committee. Investigation of concentration of economic power. Hearings...Seventy-sixth Congress, second session pursuant to Public resolution no. 113 (Seventy-fifth Congress) authorizing and directing a select committee to make a full and complete study and investigation with respect to the concentration of economic power in, and financial control over, production and distribution of goods and services. Part 29. Interstate trade barriers...pp.15735-16206. Washington, U.S. Govt. print. off., 1941. 280.12 Un3986
- Partial contents: Testimony of John Moloney, National Cottonseed Products Association, on domestic fats and oils, including cottonseed oil trade barriers, pp. 15823-15842; Testimony of C. H. Janssen, National Association of Margarine Manufacturers, on oleomargarine and oleomargarine taxation, pp. 15842-15867.
2126. U.S. Dept. of agriculture. Agricultural marketing service. Cottonseed. Official grading and market news. U.S. Dept. Agr. Misc. Pub. 441, [5] pp. Washington, D. C. 1941. 1 Ag84M
- The services are described.
2127. U.S. Dept. of commerce. Bureau of census. Animal and vegetable fats and oils; production, consumption, imports, exports and stocks, quarterly for calendar years 1936 to 1940. Prepared under the supervision of D. L. Floyd. 29pp., processed.Washington, U.S. Govt. print. off., 1941.
- Includes cottonseed oil.
2128. [Weber, W. L.] Cottonseed oil as money crop, urged by Weber. Sees domestic fats and oils market as way to cottonbelt prosperity. Cotton Trade Jour. 21(29): 2,3. July 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
- Excerpts from a letter to Senator Bankhead are quoted.
2129. Wilson, Harry A. Chemistry in the crude cottonseed oil mill. Oil Mill Gazetteer 45(12): 19-23. July 1941. (Published in Wharton, Tex.) 307.8 O153
- Address at Texas A. & M. College short course.
2130. Windows from linters. Tex. Co-op. News 21(7): 5. July 15, 1941. (Published at 1100-1106 South Ervay St., Dallas, Tex.) 72.9 T315F
- "Cotton linters plasticized into flexible transparent sheets of cellulose acetate are being used extensively as a substitute for glass in airplane windows and openings."
- Also in Cotton Ginners' Jour. 12(11): 18. Aug. 1941.
- See also Items nos. 1903, 2055, 2078, 2152, 2154, 2156, 2168.

LEGISLATION, REGULATION, AND ADJUDICATIONLegislation

2131. Bill plans CCC sales to compensate farmers. Cotton Digest 13(41): 3.
July 12, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.)
286.82 C822
"Authority to sell 6,000,000 bales of cotton owned by the government, and turn the proceeds over and above government costs to the producers is contained in a bill introduced in congress late this week by Congressman Whelchel of Georgia."
2132. [Cox, A. B.] Cotton's plight laid to high tariffs. Cotton Digest 13(43): 4. July 26, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.)
286.82 C822
Extracts from a statement in which it is declared that "cotton growers of the south are headed for serious trouble unless industry is willing to make some concessions to agriculture in the foreign market."
2133. Efficient cotton growing essential. Amer. Wool and Cotton Rptr. 55(28): 1, 37-38. July 10, 1941. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
Editorial stating that "by encouraging cotton planters to go ahead and produce more cotton than the world can use, and by the Federal Government financing this surplus crop, and by the insistence of the administration that the cotton farmers should get more for the staple than it is really worth, we have driven the staple cotton business out of this country, and we have lost the export trade."
2134. Egypt. Export duty on raw cotton. Gt. Brit. Bd. Trade Jour. 146(2319): 327. May 5, 1941. (Published by H. M. Stationery Office, York House, Kingsway, London, W.C. 2, England) 256.03 T67J
"A decree published on 4 April 1941 authorises the Egyptian Ministry of Finance, with the specific sanction of the Council of Ministers in each case, to refund all or part of the export duty levied on cotton from the 1939-40 crop or cotton from the 1940-41 crop exported under contracts made before 1 February 1940."
2135. France. Laws, statutes, etc. Décret réglementant l'emploi, la fabrication et la vente des matières premières textiles et des filés. France. Journal Officiel 72(219): 4870-4872. Sept. 1, 1940. (Published in Vichy, France.)
Decree regulating the use, manufacture and sale of textile raw materials and yarns.
The decree was dated August 31, 1940.
2136. Fue aprobado en Acuerdo general de ministros el contrato de venta de algodón a España. Argentine Republic. Junta Nacional del Algodon. Boletin Mensual no. 72, pp.280-283. Apr. 1941. (Published in Buenos Aires, Argentina) 72.9 Ar3
The contract for the sale of cotton to Spain was approved by the

Acuerdo General de Ministros.

Texts of the decree and the contract are given.

2137. [Texas cooperative ginnery association. Executive committee, Co-op ginnery back parity price plan. Tex. Co-op. News 21(7): 1. July 15, 1941. (Published by Texas Co-operative Publishing Co., Inc., 1100-1106 South Ervay St., Dallas, Tex.) 72.9 T315F

"The pending proposal in Congress by Senator Thomas of Oklahoma to fix a minimum price for farm commodities" is endorsed.

2138. U.S. Dept. of agriculture. Office of foreign agricultural relations. Australia increases bounty payments to cotton growers. U.S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 43(3): 60. July 21, 1941. (Published in Washington, D. C.) 1.9 St2F

"Under provisions of an amendment to the Raw Cotton Bounty Act of 1940, Australian cotton farmers are guaranteed a return from their 1941-42 and 1942-43 crops (seed and lint), equal to 12.5 pence (16.8 cents) per pound of lint."

Also in Cotton Trade Jour 21(30): 6. July 26, 1941.

See also Items nos. 2044, 2045, 2143.

Regulation

2139. Cotton textile advisory panel is created by OPACS. Will represent all branches of industry. Daily News Rec. no. 163, pp. 1,5. July 14, 1941. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
Also noted in Cotton Digest 13(42): 5. July 19, 1941.

2140. [Fleming, Philip B.] Fleming clarifies position of oil mills under the wage-hour law. Cotton and Cotton Oil Press 42(15): A3. July 19, 1941. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
His letter to the National Cottonseed Products Association is given in full.

2141. Loom licensing. Cotton [Manchester] 47(2265): 3. June 28, 1941. (Published by Manchester Cotton Assoc., Ltd., 96 Deansgate, Manchester, 3, England) 304.8 C826
The Control of Cotton Industry (No. 21) Order of the British Cotton Control is explained.

2142. Rationing of textiles in Switzerland. Internat'l. Labour Rev. 43(4): 460. Apr. 1941. (Published by George Allen & Unwin, Ltd., Ruskin House, 40, Museum St., London, W. C. 1, England, Distributed in the U. S. by the Branch Office of the International Labour Office, 734 Jackson Place, Washington, D. C.) 283.8 In8.

"Rationing of cotton, woollen and linen piece goods and manufactured products was introduced in Switzerland on 28 November 1940. Silk textiles and small articles, such as handkerchiefs, table napkins, and cotton socks, are excluded from the list of rationed goods, but more than 100 articles of wearing apparel and household linen are listed."

2143. U.S. Dept. of agriculture. Commodity exchange administration. Commodity exchange act as amended. Rules and regulations of the Secretary of agriculture promulgated thereunder. Orders of Commodity exchange commission pursuant to section 4a, and order of Secretary of agriculture pursuant to section 5a (4), of act. June 17, 1941. 82pp. [Washington, D.C., 1941]

2144. U.S. Dept. of agriculture. Commodity exchange administration. Rules of practice. [U.S.] Natl. Arch. Fed. Register 6(129): 3223-3231. July 3, 1941. (Published in Washington, D.C.) 169 F31

The rules of practice are applicable to disciplinary and rule making proceedings under the Commodity Exchange Act.

2145. [U.S. Interstate commerce commission] Compressed cotton rates. Traffic World 67(18): 1179. May 10, 1941. (Published at 418 S. Market St., Chicago, Ill.) 288.8 T672

It is proposed that the "Commission find unreasonable and unduly prejudicial a charge of 3.75 cents in addition to the line-haul rates for the privilege of compressing or concentrating cotton at Pinedale, Calif."

2146. U.S. Office for emergency management. Office of price administration and civilian supply. Cotton textiles. Amendment to price schedule no. 11-- Cotton grey goods. [U.S.] Nat. Arch. Fed. Register 6(141): 3595. July 22, 1941. (Published in Washington, D. C.) 169 F31

2147. U.S. Office for emergency management. Office of price administration and civilian supply. Cotton textiles. Price schedule no. 11--cotton grey goods. [U.S.] Natl. Arch. Fed. Register 6(127): 3180-3181. July 1, 1941. (Published in Washington, D. C.) 169 F31

The schedule which shows maximum price per pound, f. o. b. seller's point of shipment for six types of cotton grey goods, is given.

Also noted in Cotton Trade Jour. 21(27): 1,3. July 5, 1941.

2148. U.S. Office for emergency management. Office of price administration and civilian supply. Raw materials for cotton textiles. Amendment to price schedule no. 7--combed cotton yarns. [U.S.] Natl. Arch. Fed. Register 6(141): 3593-3594. July 22, 1941. (Published in Washington, D.C.) 169 F31

2149. Wartime economic control in Japan since 1937--(6) Control of final consumption. Mitsubishi Econ. Res. Bur. Monthly Cir. no. 204, pp. 7-11. Oct. 1940. (Published at Marunouchi, Tokyo, Japan 280.8 M69

A brief history of control of the textile industry is included.

2150. Worth St. would defy retroactive clause of order. [Gray goods price] ceiling clause will never be upheld by Congress, avers N. Y. market. Daily News Rec. no. 153, pp. 1, 16. July 1, 1941. (Published at 3 East 13th St., New York, N. Y.) 286.8 M48

See also Items nos. 2009, 2026, 2028, 2029, 2032, 2034, 2035, 2036, 2037, 2041, 2042, 2043, 2046, 2051, 2053.

Adjudication

2151. Cotton linters shippers fined. Traffic World 67(18): 1115. May 3, 1941.
 (Published at 418 S. Market St., Chicago, Ill.) 238.8 T672
 The shippers were found guilty of soliciting and accepting concessions in violation of the Elkins Act.

MISCELLANEOUS-GENERAL

2152. Arizona. Agricultural experiment station. Fifty-first annual report for the year ending June 30, 1940. 112pp., processed. Tucson, Arizona, University of Arizona, [1941]
 Partial contents: Cotton, irrigation experiments, p.37; Variety tests, p. 38; Heat resistance, p.38; Ration comparisons for fattening cattle, whole cottonseed vs. cottonseed meal, p.47; Cotton insect pests, pp.62-63; Cotton breeding, pp. 85-88; Angular leafspot of cotton, p.90; Phymatotrichum (Texas or cotton) root rot, pp. 90-93; Verticillium wilt of cotton, p. 95; Southern sclerotial rot of cotton, p. 95.
2153. Arkansas agricultural council holds second annual convention. Interests of Arkansas cotton producers discussed by known authorities. Cotton Trade Jour. 21(29): 1,8. July 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 Brief account of the meeting of the Agricultural Council of Arkansas, Marianna, Arkansas, July 19, 1941.
2154. Association of southern agricultural workers. Proceedings. Abstracts of papers and addresses. The 42nd annual convention held in Atlanta, Ga., February 5, 6, and 7, 1941. 236 pp. [Raleigh, N. C. Capital printing co.] 1941. 4 C82
 Partial contents: Mineral deficiency symptoms in cotton in the greenhouse, by W. H. Tharp and C. H. Wadleigh, p. 51; Do the amounts of replaceable potassium in Alabama soils reveal the need for potassium when cotton is the crop grown? by N. J. Volk, pp. 55-56; Response of cotton grown at different pH levels on Cecil sandy loam, by W. R. Paden, pp.93-94; The use of gypsum in fertilizers for cotton by E. D. Matthews, p.95; Cotton and corn response to potash in South Carolina, p. 104; American Cotton Cooperative Association's new role in cooperative cotton marketing, by N. C. Williamson, p. 136-137; The new cotton warehousing program, by D. W. Brooks, p. 182; Present status in development of cooperative cotton gins, by S. W. Box, p. 189; Cotton marketing and international trade conditions, by Roy A. Ballinger, pp. 189-190; Present and potential effects of government loans on cotton marketing, by H. G. Mann, pp. 190-191; Cotton-livestock economy, by John F. Leahy, pp. 191-192; Evaluating one-variety cotton program as an aid of cotton marketing, by Ralph H. Raper pp. 192-193; Results of cottonseed treatment tests for 1940 at Temple, Texas, and the relationship of seed treatments to angular leaf spot control and yield of cotton by C. H. Rogers, pp. 193-194; Cotton seedling disease and boll-rot surveys in Mississippi in 1938-40, by L. E. Miles, p. 194; Mode of action of certain cottonseed

treatment materials, by S. G. Lehman, p. 195; Isolation and infection tests with seed-borne cotton pathogens, by J. Harvey McLaughlin and W. Winfield Ray, p. 195; Fungi associated with diseased cotton seedlings and bolls in 1938, 1939, and 1940, by Paul R. Miller and Richard Weindling, pp. 195-196; Effect of storage of treated cottonseed in closely-woven cotton bags, by L. E. Miles, p. 196; Cottonseed treatment tests in Louisiana in 1940, by D. C. Neal, p. 197; Some observations on wilt resistance of Shafter Acala cotton at Greenville, Texas, by Dalton R. Hooton, p. 197; Cotton nutrition in relation to Fusarium wilt by G. M. Armstrong and W. B. Albert, p. 198; Pathogenicity tests of different isolates of *Fusarium vasinfectum* in 1940, by C. D. Sherbakoff, p. 198; 1940 regional wilt studies: phosphate-variety tests in Louisiana, by D. C. Neal, pp. 198-199; Regional studies of Fusarium wilt of cotton in Tennessee in 1940, by C. D. Sherbakoff, p. 199; Regional cotton-variety-wilt-phosphorus study, by A. L. Smith, p. 199; Nematode distribution in the 1940 regional cotton wilt study plots, by A. L. Smith and A. L. Taylor, p. 200; The reaction of cotton varieties to Fusarium wilt and root knot nematode, by A. L. Smith, pp. 200-201; Some factors affecting the growth of excised cotton roots, by Coyt Wilson, p. 209; The effect of cottonseed meal when fed ad libitum on hatchability, by G. J. Cottier, p. 218.

2155. Bombay chamber's annual meeting. H. E. the Governor on cotton prices. Mr. Branble pleads for timely help to cotton grower. Indian Textile Jour. 51(607): 163-169. Apr. 1941. (Published at Military Square, Fort, Bombay, India.) 304.8 In2
Extracts from addresses by C. P. Branble and the Governor are included.
2156. Brazil yearbook and manual 1940. Compiled and edited by John W. Brunk... and Hugo Franklin. 352 pp. New York, Brazil-Yearbook, [c1939]
Cotton, pp. 77-78; Cotton classification, p. 78; exports, pp. 78, 163, 168; imports, p. 161; Raw cotton exporters, p. 79; Cottonseed exports, p. 79, 162; Cottonseed oil exports, p. 168.
2157. Cash, W. J. The mind of the South. 429 pp. New York, Alfred A. Knopf, 1941. (The American scene)
The author includes discussions of the relation of cotton growing and manufacture to the development of the South.
2158. Cotton label plan. Cotton Digest 13(42): 8. July 19, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Editorial suggesting that cotton goods be labelled to show the proportion of cotton they contain.
2159. Cotton research. Cotton Ginners' Jour. 12(10): 8. July 1941. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
Editorial on the work to be undertaken at the new cotton research laboratory in Texas.

2160. Cotton research congress. Proceedings of the first...held at Waco, Texas, June 27-29, 1940. 339 pp. [Waco, 1941]
2161. Cross, William E. Informe sobre el segundo Congreso algodonero Argentino, 3 al 7 de diciembre de 1940. Tucuman, Revista Industrial y Agricola 30(10-12): 255-267. Oct.-Dec. 1940. (Published by Tucuman Agricultural Experiment Station, Tucuman, Argentina) 9 T79
Report on the second Argentine Cotton Congress, December 3-7, 1940. Also in Tucuman. Estacion Experimental Agricola. Publicacion no.17, 15pp. Tucuman, 1940.
2162. Filgueiras, O. Industria textil sanitaria. Revista de Quimica e Farmacia 6(1-2): 10-14. Jan.-Feb. 1941. (Published at Rua Maria Eugenia, 42, Rio de Janeiro, Brazil) 385 R52
To be continued.
Sanitary textile industry. Report of the 13th Conference of Technology, held at the Escola de Saude do Exercito. Cotton is included in the report.
2163. Grenada. Agricultural dept. Report...for the years 1939-40. 6pp. Grenada, Government printing office. 1941. 102 W524
Cotton worm, p.2; cotton quality, p.3.
2164. Group organized to promote cotton use. Cotton Digest 13(39): 5. June 28, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
The organization of the State Cotton Industry Committee at Jackson, Mississippi, "the past week," is noted.
2165. Hazen, H. William. Wartime aspects of Egyptian agricultural economy. U.S. Dept. Agr. Off. Foreign Agr. Relat. For. Agr. 5(6): 217-249. June 1941. (Published in Washington, D.C.) 1.9 St2F
"Normally, Egypt supplies the countries of Europe with important quantities of long-staple cotton and significant amounts of foodstuffs. Until Italy's entrance into the present war, Egypt benefited greatly from the increased demand for its farm products. The extension of the war to the Mediterranean, however, with the attendant disruption of shipping in that area, caused a severe decline in Egyptian foreign trade. In fact, had it not been for the British Government's purchase of the entire 1940-41 cotton crop, Egyptian agricultural economy would have suffered a serious blow."
Extracts in Cotton Trade Jour. 21(28): 6. July 12, 1941.
2166. Hemisphere cotton congress postponed. Cotton Digest 13(42): 5. July 19, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
"The Pan American Cotton Congress originally slated to be held in Memphis, Tenn., October 6-10, has been postponed until conditions are more favorable for such a meeting."
2167. Indian central cotton committee. Summary proceedings of the forty-second meeting...held on the 8th and 9th August 1940. 66pp. [Bombay, 1940] 72.9 In233Ab
The meeting was held in Bombay, India.

2168. Inter-American statistical yearbook, 1940. Raul C. Migone, director. 612pp. New York, The Macmillan co.; Buenos Aires, El Ateneo [etc.] 1940. 250 In82
Sources, pp. 609-612.
Spanish, English, Portuguese and French in parallel columns.
Includes statistics of production, exports, and imports of cotton, cottonseed and textiles. Periods covered vary for the different tables but fall within the decade 1930-1939.
2169. Lima. Estación experimental agrícola de la Molina. Memoria...correspondiente al año 1939. Lima, Peru, Estación Experimental Agrícola de La Molina, Memoria 12, 371 pp. Lima, 1940. 102.5 L622M
Partial contents: Algodón [cotton] pp.43-93; Despachos de algodón en rama [disposition of raw cotton] p.103; Experimentación con algodnero [experiments with the cotton plant] p. 174; Insectos del algodnero [insects of the cotton plant] pp.179-198; Influencia del riego en el "Wilt" del algodnero [Effect of irrigation on the wilt of the cotton plant] pp.211-225; Memoria de la Sección genética del algodón (Valle de Lima) [Report of the Section of Cotton Genetics (Valley of Lima)] pp. 263-290; Memoria de la Sección genética de algodón (Valle de Piura) [Report of the Section of Cotton Genetics (Valley of Piura)] pp.291-304.
2170. Louisiana. Rice experiment station. Biennial report...Crowley, Louisiana, 1939-1940. 42pp. [Crowley, 1941] 100 L93
Partial contents: Cotton varieties, p.15; Cotton fertilizers, p.15; Cotton and corn rotation, p.15.
2171. Morris, P. K. Cotton makes progress in Brazil. Brazilian Business 21(5): 196-198. May 1941. (Published at Edificio "A Noite," Praça Mauá. Rio de Janeiro, Brazil) 286.8 B732
Production and marketing practices in Sao Paulo and the United States are compared.
2172. Private estimates unreliable. Cotton Digest 13(41): 8. July 12, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Editorial on the accuracy of cotton crop reports of the Crop Reporting Board of the U.S. Department of Agriculture.
2173. Sauer, Carl. American agricultural origins: a consideration of nature and culture. In Essays in anthropology presented to A. L. Kroeber in celebration of his sixtieth birthday June 11, 1936, pp.279-297. Berkeley, Univ. of California press, 1936. Smithsonian Inst.
Studies of the origin of cotton are mentioned.
2174. La situacion de la economia algodnora mundial; posible colaboracion interamericana. Argentine Republic. Junta Nacional del Algodon. Boletin Mensual no. 72, pp. 320-321, 327. Apr. 1941. (Published in Buenos Aires, Argentina) 72.9 Ar3
The situation in the world cotton economy; possible inter-American collaboration.

2175. South Carolina cotton manufacturers hold annual meeting. Textile Bul. 60(8): 30,32. June 15, 1941. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
Brief report of the annual meeting of the South Carolina Cotton Manufacturers' Association.
2176. STA keys program to present need. Myrtle Beach meeting hears papers on training workers, cotton tests, defense. Textile World 91(7): 58-59. July 1941. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
Report of the annual meeting of the Southern Textile Association, Myrtle Beach, S. C., June 13-14, 1941.
Also reported in Cotton [Atlanta] 105(7): 71-73. July 1941.
2177. Textile research institute, foundation start joint program. Daily News Rec. no.157, pp.1,2. July 7, 1941. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
Plans for the joint program of the U.S. Institute for Textile Research and the Textile Foundation are noted.
Also noted in Textile World 91(7): 55. July 1941.
2178. Uganda. Dept. of agriculture. Annual report...for the period 1st January 1939 to 30th June 1940. 8pp. Entebbe, 1941. 24 Ugl2
Partial contents: Cotton. 1938-39 and 1939-40 crops, pp.2-3; Cotton [including breeding work, diseases and pests, cultural trials, manurial trials and distribution of new varieties] 1939-40, pp.4-6.
2179. U.S. Dept. of agriculture. Bureau of agricultural economics. Surplus farm products. Where shall we find a market? U.S. Dept. Agr. Bur. Agr. Econ. Farmer Group Discuss. Pam. DS20, 28pp. Washington, D. C., 1941.
The cotton problem (including the stamp plan and the mattress project) pp.20-21.
2180. [U.S. Institute for textile research] Adjourned eleventh annual meeting. New arrangement with the Textile foundation approved. Textile Res. 11(8): 347-355. June 1941. (Published by United States Institute for Textile Research, Inc., 65 Franklin St., Boston, Mass.) 304.8 T293
The meeting was held in New York City, May 16, 1941. Reports of the Research Council, Committee on Economic Research, Special Committee on Future Program of the Institute, and Treasurer, are included.
2181. Why not rationalize research? Fibre and Fabric 94(2944): 5,15. July 5, 1941. (Published by Wade Publishing Co., 465 Main St., Cambridge, Mass.) 304.8 F44
Editorial commenting on the proposed research laboratory of the Cotton-Textile Institute and stating that "To our mind fundamental research laboratories should be developed and supported by the Federal Government."

